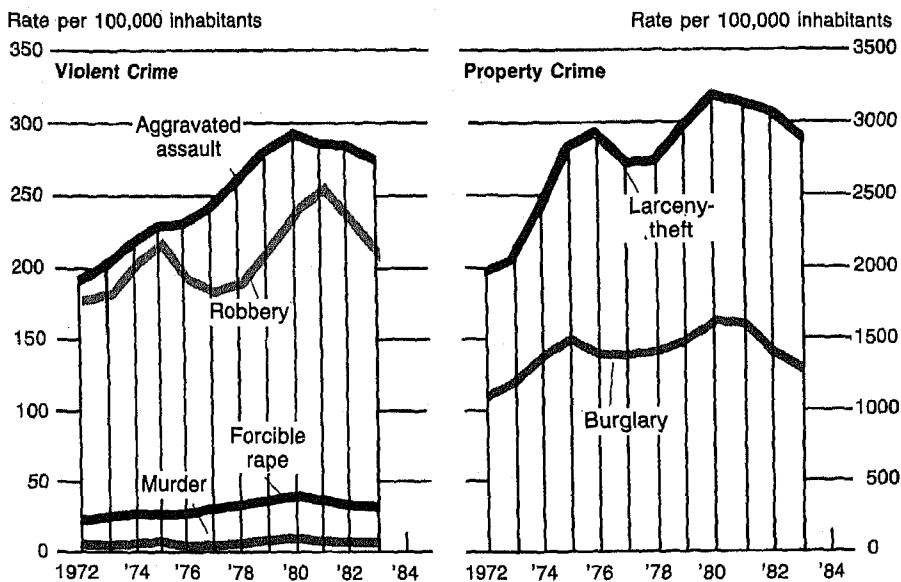
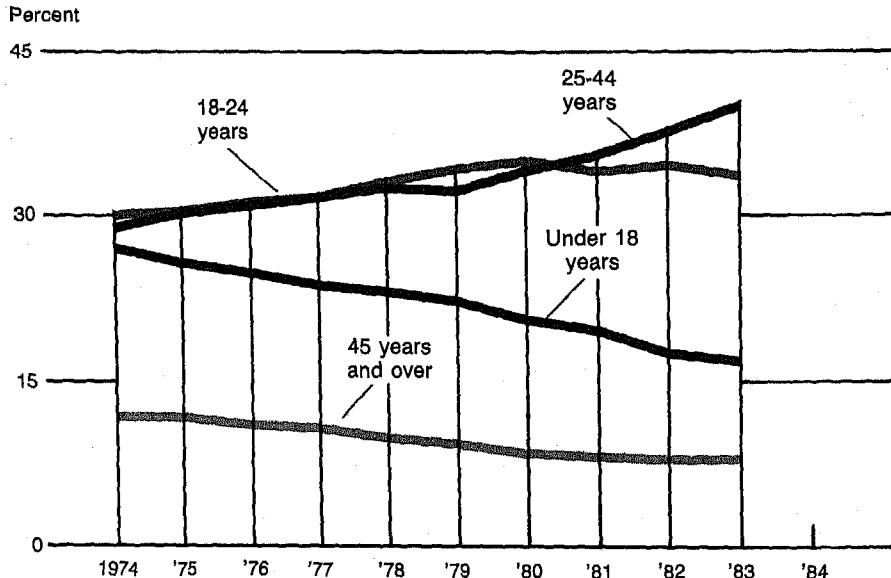


Figure 6.1
Selected Crime Rates: 1972 to 1983

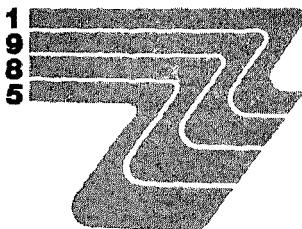


Source: Chart prepared by U.S. Bureau of the Census. For data, see table 275.

Figure 6.2
Persons Arrested — Percent by Age: 1974 to 1983



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 292.



Section 6

Law Enforcement, Courts, and Prisons

This section presents data on crimes committed, victims of crimes, arrests, and related data. A major source of these data is the Bureau of Justice Statistics (BJS). BJS issues several reports, including *Sourcebook of Criminal Justice Statistics*, *Criminal Victimization in the United States*, *Prisoners in State and Federal Institutions*, *Children in Custody*, *National Survey of Court Organization*, *Census of State Correctional Facilities*, *Census of Jails and Survey of Jail Inmates*, *Parole in the United States*, and *Capital Punishment*. In addition, the annual *Expenditure and Employment Data for the Criminal Justice System* is issued jointly by BJS and the Bureau of the Census. For other BJS reports, see "Law Enforcement, Courts, and Prisons" in Appendix IV.

Other major sources of these data include: *Crime in the United States*, issued annually by the Federal Bureau of Investigation (FBI); the *Annual Report of the Director, Federal Court Management Statistics*, *Federal Offenders*, and *Sentences Imposed Chart* issued by the Administrative Office of the U.S. Courts; *Governmental Finances and Public Employment*, issued annually by the Bureau of the Census; and the *Statistical Report*, issued annually by the Federal Bureau of Prisons. *State Court Caseload Statistics* are issued annually by the National Center for State Courts.

Legal jurisdiction and law enforcement.—Law enforcement is, for the most part, a function of State and local officers and agencies. The U.S. Constitution reserves general police powers to the States. By act of Congress, Federal offenses include only offenses against the U.S. Government and against or by its employees while engaged in their official duties, and offenses which involve the crossing of State lines or an interference with interstate commerce. Excluding the military, there are 52 separate criminal law jurisdictions in the United States: 1 in each of the 50 States, 1 in the District of Columbia, and the Federal jurisdiction. Each of these has its own criminal law and procedure and its own law enforcement agencies. While the systems of law enforcement are quite similar among the States, there are often substantial differences in the penalties for like offenses.

Law enforcement can be divided into three parts. The first covers investigation of crimes and arrests of persons suspected of committing them; the second phase is prosecution of those charged with crime; and the third phase is concerned with the punishment or treatment of persons convicted of crime.

Crime.—There are two major approaches taken in determining the extent of crime. One perspective is provided by the FBI through its Uniform Crime Reporting Program (UCR). The FBI receives monthly and annual reports from law enforcement agencies throughout the country, currently representing 97 percent of the national population. Each month, city police, sheriffs, and State police file reports on the number of index offenses that become known to them. The FBI Crime Index offenses are as follows: *Murder and nonnegligent manslaughter*, is based on police investigations, as opposed to the determination of a medical examiner or judicial body, includes willful felonious homicides, and excludes attempts and assaults to kill, suicides, accidental deaths, justifiable homicides, and deaths caused by negligence; *forcible rape* includes forcible rapes and attempts; *robbery* includes stealing or taking anything of value by force or violence or threat of force or violence and includes attempted robbery; *aggravated assault* includes assault with intent to kill; *burglary* includes any unlawful entry to commit a felony or a theft and includes attempted burglary and burglary followed by larceny; *larceny* includes theft of property or articles of value without use of force and violence or fraud and excludes embezzlement, "con games," forgery, etc.; *motor vehicle theft* includes all cases where vehicles are driven away and abandoned, but excludes vehicles taken for temporary use and returned by the taker.

The monthly Uniform Crime Reports also contain data on crimes cleared by arrest and on characteristics of persons arrested for all criminal offenses. In summarizing and publishing crime data, the FBI does not vouch for the validity of the reports it receives, but presents the data as information useful to persons concerned with the problem of crime and criminal-law enforcement.

National Crime Survey (NCS).—A second perspective on crime is provided by the NCS of the Bureau of Justice Statistics. The NCS includes offenses reported to the police, as well as those not reported (see table on page 164 for percent of victimizations reported to the police). Details about the crimes come directly from the victims. No attempt is made to validate the information against

police records or any other source. The NSC measures rape, robbery, assault, larceny, and motor vehicle theft.

Murder and kidnaping are not covered. Commercial burglary and robbery were dropped from the program during 1977. The so-called victimless crimes, such as drunkenness, drug abuse, and prostitution, also are excluded, as are crimes for which it is difficult to identify knowledgeable respondents or to locate data records.

Crimes of which the victim may not be aware also cannot be measured effectively. Buying stolen property may fall into this category, as may some instances of embezzlement. Attempted crimes of many types probably are under recorded for this reason. Events in which the victim has shown a willingness to participate in illegal activity also are excluded (e.g., gambling, various types of swindles, con games, and blackmail).

In any encounter involving a personal crime, more than one criminal act can be committed against an individual. For example; a rape may be associated with a robbery; or a household offense, such as a burglary, can escalate into something more serious in the event of a personal confrontation. In classifying the survey-measured crimes, each criminal incident has been counted only once—by the most serious act that took place during the incident and ranked in accordance with the seriousness classification system used by the Federal Bureau of Investigation. The order of seriousness for crimes against persons is as follows: Rape, robbery, assault, and larceny. Consequently, if a person were both robbed and assaulted, the event would be classified as robbery; if the victim suffered physical harm, the crime would be categorized as robbery with injury. Personal crimes take precedence over household offenses; among the latter, burglary is the most serious and motor vehicle theft is the least serious.

A *victimization*, basic measure of the occurrence of crime, is a specific criminal act as it affects a single victim. The number of victimizations is determined by the number of victims of such acts. Victimization counts serve as key elements in computing rates of victimization. For crimes against persons, the rates are based on the total number of individuals age 12 and over or on a portion of that population sharing a particular characteristic or set of traits. As general indicators of the danger of having been victimized during the reference period, the rates are not sufficiently refined to represent true measures of risk for specific individuals or households. For further details regarding the NCS, see *Criminal Victimization in the United States*, by the U.S. Bureau of Justice Statistics.

An *incident* is a specific criminal act involving one or more victims; therefore the number of incidents of personal crime is lower than that of victimizations. Incident figures are used in describing the settings and circumstances in which crimes occurred, including the time and place of occurrence, number of victims and offenders, and use of weapons. For crimes against households, victimizations and incidents are synonymous.

NCS estimates appearing in 1980 and earlier reports made use of population controls derived from the 1970 census. Thereafter, the 1980 census was used. Victimization rates, key measures of the occurrence of crime, and all percentages generally were unaffected by the change in the estimation procedure. Thus, the vast majority of data appearing after 1980 are compatible with data in previous NCS reports.

POLICE REPORTING RATES FOR PERSONAL AND HOUSEHOLD CRIMES: 1973 TO 1982

[Percent of victimization reported to the police]

SECTOR AND TYPE OF CRIME	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Personal sector:										
Crimes of violence.....	45.5	46.9	47.2	48.8	46.1	44.2	45.1	47.1	46.6	48.2
Rape	48.9	51.8	56.2	52.7	58.4	48.8	50.5	41.4	55.7	52.8
Robbery	52.5	53.6	53.3	53.3	55.5	50.5	55.5	56.8	55.8	56.2
Robbery with injury.....	63.4	61.9	65.0	62.9	66.1	65.4	62.2	69.6	66.6	67.1
Robbery without injury.....	46.6	49.6	47.9	48.6	49.8	43.6	52.0	50.1	50.7	51.2
Assault.....	43.5	44.7	45.2	47.5	43.5	42.7	42.4	44.9	43.7	45.9
Aggravated assault.....	51.8	53.1	55.2	58.4	51.5	52.7	51.3	54.0	52.2	57.0
Simple assault.....	38.0	38.7	39.0	40.6	38.8	37.0	37.4	39.8	39.0	39.6
Crimes of theft.....	22.1	24.6	26.3	26.6	24.8	24.6	24.0	26.9	26.7	26.9
Personal larceny with contact.....	32.8	33.8	34.5	36.2	37.2	33.7	35.6	35.7	40.4	32.7
Personal larceny without contact.....	21.8	24.2	26.0	26.3	24.5	24.3	23.6	26.5	26.2	26.7
Household sector:										
Household burglary.....	46.6	47.7	48.6	48.1	48.8	47.1	47.6	51.3	51.1	49.3
Household larceny.....	24.8	25.2	27.1	27.1	25.4	24.5	25.1	27.5	26.2	26.8
Motor vehicle theft.....	68.3	67.3	71.1	69.5	68.4	66.1	68.2	69.3	66.6	72.4

Courts.—Court statistics on criminal offenses and the outcome of prosecutions are incomplete for the country as a whole, although data are available for many States individually. The only national compilations of such statistics were made by the Bureau of the Census for 1932 to 1945 covering a maximum of 32 States.

The bulk of civil and criminal litigation in the country is commenced and determined in the various State courts. Only when the U.S. Constitution and acts of Congress specifically confer jurisdiction upon the Federal courts may civil litigation be heard and decided by them. Generally, the Federal courts have jurisdiction over the following types of cases: Suits or proceedings by or against the United States; civil actions between private parties arising under the Constitution, laws, or treaties of the United States; civil actions between private litigants who are citizens of different States; civil cases involving admiralty, maritime, or prize jurisdiction; and all matters in bankruptcy.

There are several types of courts with varying degrees of legal jurisdiction. These jurisdictions include original, appellate, general, and limited or special. A *court of original jurisdiction* is one having the authority initially to try a case and pass judgment on the law and the facts; a *court of appellate jurisdiction* is one with the legal authority to review cases and hear appeals; a *court of general jurisdiction* is a trial court of unlimited original jurisdiction in civil and/or criminal cases, also called a "major trial court"; a *court of limited or special jurisdiction* is a trial court with legal authority over only a particular class of cases, such as probate, juvenile, or traffic cases.

The 94 Federal courts of original jurisdiction are known as the U.S. district courts. One or more of these courts is established in every State and one each in the District of Columbia, Puerto Rico, the Virgin Islands, the Northern Mariana Islands, and Guam. Appeals from the district courts are taken to intermediate appellate courts of which there are 13, known as U.S. courts of appeals and the United States Court of Appeals for the Federal Circuit. The Supreme Court of the United States is the final and highest appellate court in the Federal system of courts.

Juvenile offenders.—For statistical purposes, the FBI and most States classify as juvenile offenders persons under the age of 18 years who have committed a crime or crimes.

Delinquency cases are all cases of youths referred to a juvenile court for violation of a law or ordinance or for seriously "antisocial" conduct. Several types of facilities are available for those adjudicated delinquent, ranging from the short-term physically unrestricted environment to the long-term very restrictive atmosphere.

Prisoners.—Data on prisoners in Federal and State prisons and reformatories were collected annually by the Bureau of the Census until 1950, by the Federal Bureau of Prisons until 1971, transferred then to the Law Enforcement Assistance Administration, and, in 1979, to the Bureau of Justice Statistics. Adults convicted of criminal activity may be given a prison or jail sentence. A *prison* is a confinement facility having custodial authority over adults sentenced to confinement of more than one year. A *jail* is a facility, usually operated by a local law enforcement agency, holding persons detained pending adjudication and/or persons committed after adjudication to one year or less. Nearly every State publishes annual data either for its whole prison system or for each separate State institution.

Statistical reliability.—For discussion of statistical collection, estimation, and sampling procedures and measures of statistical reliability pertaining to the National Crime Survey and Uniform Crime Reporting Program, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970*. See Appendix I.

Law Enforcement, Courts, and Prisons

NO. 275. CRIMES AND CRIME RATES, BY TYPE: 1974 TO 1983

[Data refer to offenses known to the police. Rates are based on Bureau of the Census estimated resident population as of July 1, except 1980, enumerated as of April 1. Minus sign (-) indicates decrease. For definitions of crimes, see text, pp. 163 and 164. For explanation of average annual percent change, see Guide to Tabular Presentation. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series H 952-961 for related data]

ITEM AND YEAR	Total	VIOLENT CRIME					PROPERTY CRIME			
		Total	Murder ¹	Forcible rape	Robbery	Aggravated assault	Total	Burglary	Larceny-theft	Motor vehicle theft
Number of offenses (1,000):										
1974.....	10,253	975	20.7	55.4	442	456	9,278	3,039	5,263	977
1975.....	11,257	1,026	20.5	56.1	465	485	10,230	3,252	5,978	1,001
1976.....	11,316	998	18.8	57.2	422	490	10,327	3,100	6,265	963
1977.....	10,951	1,013	19.1	63.6	407	523	9,937	3,063	5,901	974
1978.....	11,174	1,068	19.6	67.7	422	559	10,106	3,119	5,986	1,001
1979.....	12,211	1,189	21.5	76.5	475	616	11,022	3,318	6,595	1,109
1980.....	13,366	1,323	23.0	83.1	559	658	12,043	3,784	7,131	1,128
1981.....	13,385	1,341	22.5	82.6	585	650	12,044	3,769	7,188	1,087
1982.....	12,934	1,302	21.0	78.8	546	655	11,632	3,427	7,138	1,059
1983.....	12,070	1,238	19.3	78.9	500	640	10,832	3,121	6,707	1,004
Annual percent change:										
1974-1975.....	9.8	5.9	-1.0	1.2	5.1	6.2	10.3	7.0	13.6	2.4
1975-1976.....	.5	-3.7	8.4	1.9	-9.1	1.1	.9	-4.7	4.8	-3.8
1976-1977.....	-3.2	2.5	1.8	11.2	-3.8	6.8	-3.8	-1.2	-5.8	1.2
1977-1978.....	2.0	5.4	2.3	6.5	3.5	5.9	1.7	1.8	1.4	2.7
1978-1979.....	9.3	11.3	9.7	13.0	12.6	10.2	9.1	6.4	10.2	10.8
1979-1980.....	9.5	11.3	7.4	6.7	17.7	6.9	9.3	14.0	8.1	1.7
1980-1981.....	.1	1.3	-2.3	-6	4.8	-1.3	[z]	-4	.8	-3.5
1981-1982.....	-3.4	-2.9	-6.7	-4.5	-6.7	.8	-3.4	-8.8	-7	-2.5
1982-1983.....	-6.7	-4.9	-8.1	-	-8.4	-2.4	-6.9	-9.2	-6.0	-5.1
Rate per 100,000 Inhabitants:										
1974.....	4,850	461	9.8	26.2	209	216	4,389	1,438	2,490	462
1975.....	5,282	482	9.6	26.3	218	227	4,800	1,526	2,809	469
1976.....	5,271	460	8.8	26.6	197	228	4,811	1,444	2,918	448
1977.....	5,082	468	8.8	29.4	188	242	4,594	1,416	2,728	450
1978.....	5,124	490	9.0	31.1	193	257	4,634	1,430	2,745	459
1979.....	5,548	540	9.7	34.8	216	280	5,008	1,508	2,997	504
1980.....	5,931	567	10.2	26.9	249	292	5,344	1,679	3,164	500
1981.....	5,841	585	9.8	36.1	256	284	5,258	1,645	3,137	474
1982.....	5,586	562	9.1	34.1	236	283	5,024	1,485	3,082	457
1983.....	5,159	529	8.3	33.7	214	273	4,630	1,334	2,866	429

- Represents zero. Z Less than .05 percent. ¹ Includes nonnegligent manslaughter.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

NO. 276. CRIMES AND CRIME RATES BY TYPE AND AREA: 1982 AND 1983

[In thousands, except rate. Rate per 100,000 population; see headnote, table 275. Estimated totals based on reports from city and rural law enforcement agencies representing 97 percent of the national population. For definitions of crimes, see text, pp. 163 and 164.]

TYPE OF CRIME	1982						1983					
	SMSA's ¹		Other cities		Rural areas		SMSA's ¹		Other cities		Rural areas	
	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate	Total	Rate
Total.....	11,024	6,367	1,204	4,983	706	2,064	10,363	5,852	1,073	4,829	634	1,881
Violent crime.....	1,163	672	80	332	59	171	1,111	627	73	315	54	161
Murder and nonnegligent manslaughter.....	17	10	1	6	2	7	16	8	1	5	2	6
Forcible rape.....	69	40	5	20	5	15	69	39	5	21	5	15
Robbery.....	526	304	13	56	6	19	483	273	11	49	6	17
Aggravated assault.....	550	318	80	250	45	131	542	306	56	240	42	124
Property crime.....	9,881	5,695	1,123	4,651	648	1,893	9,252	5,225	1,000	4,314	580	1,720
Burglary.....	2,912	1,682	276	1,144	249	726	2,659	1,501	241	1,039	221	656
Larceny-theft.....	5,878	3,453	798	3,297	362	1,058	5,887	3,200	715	3,085	325	964
Motor vehicle theft.....	970	560	51	210	36	110	927	523	44	189	34	100

¹ For definition, see text, Appendix II.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

Crime Rates

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No. 277. CRIME RATES BY STATE, 1980 TO 1983, AND BY TYPE, 1983

[Offenses known to the police per 100,000 population. Based on Bureau of the Census estimated resident population as of April 1. For definitions of crimes, see text, pp. 163 and 164. For composition of regions, see fig. I inside front cover.]

REGION, DIVISION, AND STATE	1980, total	1981, total	1982, total	1983								
				Total	Violent crime				Property crime			
					Murder ¹	Forcible rape	Robbery	Aggravated assault	Burglary	Larceny-theft	Motor vehicle theft	
U.S. ²	5,931	5,841	5,586	5,159	8.3	33.7	214	273	1,334	2,666	429	
Region:												
Northeast	5,767	5,678	5,296	4,842	6.8	26.0	314	251	1,187	2,480	577	
Midwest	(NA)	(NA)	5,090	4,768	6.4	31.0	166	213	1,174	2,785	392	
South	5,573	5,497	5,401	4,953	10.4	34.4	171	304	1,345	2,758	331	
West	7,388	7,203	6,875	6,358	8.5	44.4	241	323	1,677	3,576	488	
N.E.	5,713	5,546	5,183	4,717	3.4	23.0	181	230	1,201	2,494	604	
ME	4,368	4,243	3,860	3,681	2.1	16.8	27	114	995	2,358	168	
NH	4,680	4,322	3,829	3,356	2.0	19.5	24	80	822	2,227	182	
VT	4,988	5,061	4,692	4,133	3.8	40.8	28	60	1,090	2,723	187	
MA	6,079	5,835	5,504	5,011	3.5	25.9	208	339	1,254	2,322	859	
RI	5,933	5,652	5,364	5,005	2.7	16.8	113	223	1,332	2,666	652	
CT	5,882	5,837	5,427	4,978	4.1	20.0	201	150	1,274	2,650	479	
M.A.	5,786	5,723	5,341	4,884	7.9	27.0	366	257	1,183	2,475	568	
NY	6,912	6,905	6,488	5,903	11.1	30.0	537	337	1,410	2,655	724	
NJ	6,401	6,180	5,676	5,163	5.3	30.3	269	248	1,237	2,789	604	
PA	3,736	3,683	3,453	3,196	4.9	20.6	172	145	811	1,727	315	
E.N.C.												
OH	(NA)	(NA)	5,388	5,052	7.3	34.8	198	232	1,238	2,880	465	
IN	5,431	5,447	4,936	4,505	5.6	31.5	159	201	1,156	2,607	345	
IL	4,930	4,340	4,430	4,130	5.2	27.5	100	151	988	2,536	322	
MI	(NA)	(NA)	5,485	5,207	9.7	31.5	264	248	1,214	2,902	538	
WI	6,676	6,654	6,785	6,478	10.0	56.1	285	365	1,692	3,331	736	
4,799	4,767	4,439	4,266	2.8	18.1	72	98	884	2,977	204		
W.N.C.	4,874	4,815	4,424	4,000	4.3	21.8	91	167	1,029	2,559	219	
MN	4,799	4,737	4,455	4,034	1.7	22.4	80	87	1,076	2,559	209	
IA	4,747	4,717	4,137	3,919	2.3	12.6	41	125	916	2,664	158	
MO	5,433	5,351	4,948	4,530	8.1	26.8	168	274	1,217	2,518	318	
ND	2,964	2,991	2,648	2,675	2.1	12.5	8	31	436	2,058	129	
SD	3,243	3,013	2,645	2,548	2.1	17.0	16	85	546	1,779	103	
NE	4,305	4,178	3,951	3,788	2.6	21.2	50	144	777	2,632	161	
KS	5,379	5,404	4,952	4,530	5.6	25.9	84	211	1,168	2,834	201	
S.A.²	6,081	5,983	5,656	5,109	9.2	34.5	194	353	1,330	2,699	290	
DE	6,777	6,689	6,385	5,466	4.1	37.8	115	286	1,223	3,450	339	
MD	6,630	6,558	6,012	5,357	8.5	32.8	347	418	1,224	2,961	365	
VA	4,620	4,671	4,256	3,982	7.0	24.7	111	150	920	2,571	178	
WV	2,552	2,619	2,511	2,419	4.9	19.4	44	109	685	1,381	182	
NC	4,640	4,520	4,543	4,184	8.1	21.9	80	300	1,190	2,418	167	
SC	5,439	5,318	5,361	4,771	9.8	35.0	105	467	1,295	2,620	240	
GA	5,604	5,628	5,215	4,505	8.4	35.3	144	269	1,267	2,502	280	
FL	8,402	8,082	7,465	6,781	11.2	48.4	263	504	1,797	3,753	405	
E.S.C.	4,161	4,141	4,118	3,753	9.6	27.1	113	215	1,082	2,067	238	
KY	3,434	3,532	3,588	3,435	9.8	22.0	87	203	977	1,920	215	
TN	4,498	4,311	4,414	4,012	8.8	35.9	173	185	1,206	2,087	317	
AL	4,934	4,899	4,634	4,101	9.2	23.5	98	285	1,073	2,381	231	
MS	3,417	3,537	3,573	3,208	11.2	23.8	64	182	1,024	1,762	142	
W.S.C.	5,857	5,547	5,771	5,413	12.8	38.5	171	282	1,519	2,844	446	
AR	3,811	3,796	3,872	3,501	7.6	25.2	69	196	961	2,068	174	
LA	5,454	5,268	5,311	5,027	14.2	39.9	180	397	1,293	2,783	311	
OK	5,053	4,837	5,222	4,929	7.6	37.8	129	249	1,510	2,550	447	
TX	6,143	6,050	6,302	5,907	14.2	40.3	189	268	1,668	3,203	525	
MT	6,831	6,883	6,351	5,884	6.5	36.8	113	286	1,411	3,715	316	
MT	5,024	5,019	4,333	4,644	3.7	19.8	24	166	908	3,295	229	
ID	4,782	4,531	4,083	3,886	3.5	18.3	27	190	931	2,526	171	
WY	4,986	5,132	4,804	4,014	5.8	21.4	30	180	705	2,905	166	
CO	7,333	7,353	7,080	6,627	6.4	41.9	126	302	1,532	4,246	373	
NM	5,979	6,201	6,608	6,348	8.9	48.0	114	516	1,559	3,794	306	
AZ	8,171	7,614	7,131	6,392	7.2	41.9	132	313	1,669	3,872	357	
UT	5,881	5,750	5,334	5,118	3.5	24.9	64	163	1,016	3,610	238	
NV	8,654	8,592	7,901	6,701	12.8	51.3	307	284	2,011	3,563	471	
Pac.	7,588	7,391	7,084	6,531	9.2	47.2	287	337	1,774	3,526	551	
WA	6,915	6,742	6,282	6,078	4.9	44.7	105	217	1,640	3,813	253	
OR	6,687	7,037	6,567	6,251	4.1	40.5	170	273	1,746	3,715	303	
CA	7,833	7,580	7,285	6,677	10.5	48.0	341	373	1,829	3,445	831	
AK	6,210	5,595	6,213	6,019	13.8	101.5	97	402	1,194	3,587	644	
HI	7,482	6,543	6,584	5,810	5.6	29.4	130	87	1,333	3,805	420	

NA Not available. ¹ Includes nonnegligent manslaughter. ² Includes District of Columbia, not shown separately.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

**NO. 278. CRIME RATES FOR VIOLENT CRIMES IN CITIES, BY SIZE GROUP AND FOR SELECTED CITIES:
1974 TO 1983**

[Offenses known to the police per 100,000 population. For types of violent crime, see table 279. Rates based on population of cities as estimated by FBI, using Bureau of the Census estimates as of July 1, of each year, except 1980 as of April 1. Minus sign (-) indicates decrease]

CITY-SIZE GROUP AND CITY	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	AVERAGE ANNUAL PERCENT CHANGE	
											1974-1978	1979-1983
Cities with population of—												
250,000 or more.....	1,108	1,159	1,095	1,070	1,121	1,238	1,414	1,441	1,354	1,294	.3	1.1
100,000-249,999.....	800	632	573	600	627	702	812	826	779	736	1.1	1.2
50,000-99,999.....	406	451	416	444	486	526	602	584	561	511	4.6	-.7
25,000-49,999.....	331	343	338	342	364	420	455	452	431	403	2.4	-1.0
10,000-24,999.....	250	268	254	264	276	315	352	342	320	297	2.5	-1.5
Fewer than 10,000.....	218	232	216	230	245	279	298	291	284	260	3.0	-1.8
Selected cities:												
New York, NY.....	1,615	1,781	1,781	1,629	1,694	1,862	2,126	2,220	2,028	1,868	1.2	.1
Baltimore, MD.....	1,961	1,882	1,648	1,726	1,875	1,963	2,112	2,224	2,090	2,003	-1.1	.5
Washington, DC.....	1,603	1,774	1,481	1,427	1,412	1,609	2,011	2,275	2,123	1,915	-3.1	4.5
Detroit, MI.....	2,004	2,121	2,226	1,829	1,689	1,670	1,945	1,941	2,008	2,169	-4.5	6.8
San Francisco, CA.....	1,135	1,364	1,618	1,409	1,596	1,675	1,885	1,795	1,640	1,403	8.9	-4.3
Los Angeles, CA.....	1,069	1,114	1,167	1,209	1,320	1,515	1,742	1,743	1,739	1,692	5.4	2.8
Dallas, TX.....	866	885	815	1,018	1,194	1,298	1,409	1,360	1,345	1,148	7.0	-3.0
Memphis, TN.....	819	840	736	784	792	848	1,070	1,079	1,153	1,138	-.8	7.6
Philadelphia, PA.....	871	887	884	635	656	827	1,029	1,044	1,038	1,003	-6.8	4.9
Chicago, IL.....	1,282	1,180	978	935	897	908	960	850	877	1,317	-8.5	(X)
Phoenix, AZ.....	717	696	576	630	775	808	908	795	667	625	2.0	-6.2
San Diego, CA.....	473	502	532	560	567	656	707	734	635	682	4.6	-3.0
Indianapolis, IN.....	709	925	838	744	727	813	837	983	938	893	-.6	2.4
San Antonio, TX.....	624	549	436	491	422	493	541	567	695	609	-9.3	5.4

X Not applicable. ¹ Beginning 1983, not comparable to prior years.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

NO. 279. CRIME RATES, BY TYPE—POPULATION-SIZE GROUPS AND SELECTED CITIES: 1983

[Offenses known to the police per 100,000 population, as of July 1. For definitions of crimes, see text, pp. 163 and 164]

CITY-SIZE GROUP ¹ AND CITY	Crime index, total	VIOLENT CRIME					PROPERTY CRIME				
		Total	Murder	Forcible rape	Robbery	Aggravated assault	Total	Burglary	Larceny—theft	Motor vehicle theft	
Total, 12,117 agencies.....	5,346	555	8.6	35	229	283	4,791	1,383	2,964	444	
Total, 8,293 cities.....	6,406	681	9.8	41	306	325	5,725	1,580	3,588	557	
Cities with population of—											
250,000 or more.....	8,639	1,294	20.2	71	713	490	7,345	2,190	4,112	1,043	
100,000-249,999.....	7,694	736	10.1	49	204	382	8,959	1,988	4,437	531	
50,000-99,999.....	5,999	511	6.3	35	184	285	5,488	1,518	3,501	467	
25,000-49,999.....	6,534	403	4.9	26	128	246	5,131	1,327	3,440	384	
10,000-24,999.....	4,510	297	3.9	18	72	203	4,213	1,043	2,909	281	
Fewer than 10,000.....	4,180	260	3.6	16	42	198	3,921	912	2,808	201	
Suburbs, 5,762 agencies ²	4,184	330	4.7	24	89	213	3,853	1,096	2,471	286	
Rural areas, 2,837 agencies.....	1,990	165	5.8	15	17	127	1,825	694	1,028	104	
Selected cities:											
Baltimore, MD.....	8,524	2,003	25.0	62	1,138	778	6,522	1,806	4,162	554	
Chicago, IL.....	7,997	1,317	24.1	74	777	441	6,680	1,620	3,767	1,293	
Dallas, TX.....	10,793	1,149	26.8	89	492	541	9,644	2,961	5,986	717	
Detroit, MI.....	12,900	2,168	49.3	129	1,438	553	10,791	3,874	3,859	2,998	
Indianapolis, IN.....	6,754	893	12.1	81	393	407	5,861	1,993	3,283	605	
Los Angeles, CA.....	9,735	1,692	26.0	79	928	661	9,044	2,523	3,986	1,555	
Memphis, TN.....	8,306	1,138	19.1	115	676	328	7,188	2,741	3,586	841	
New York, NY.....	8,773	1,868	22.8	52	1,184	610	6,905	2,024	3,575	1,306	
Philadelphia, PA.....	5,304	1,003	16.4	49	635	301	4,301	1,256	2,222	623	
Phoenix, AZ.....	8,145	825	9.8	59	234	322	7,520	2,226	4,735	559	
San Antonio, TX.....	6,050	609	18.9	58	275	258	7,441	2,546	4,239	656	
San Diego, CA.....	6,811	582	8.2	42	272	260	6,228	1,726	3,697	805	
San Francisco, CA.....	8,687	1,403	11.5	75	824	492	7,284	1,718	4,781	785	
Washington, DC.....	9,284	1,915	29.4	65	1,236	585	7,358	2,004	4,720	635	

¹ See headnote, table 278. ² Agencies also included in other city and county groups.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

Crime Victimization Rates

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NO. 280. VICTIMIZATION RATES FOR CRIMES AGAINST PERSONS: 1973 TO 1982

[Rates per 1,000 persons, 12 years old and over. Includes attempted crimes. Data based on National Crime Survey; see text, pp. 163-165; and Appendix III.]

YEAR AND CRIME	Total ¹	White	Black	Span- ish ori- gin ²	MALE			FEMALE			VICTIM-OFFENDER RELATIONSHIP	
					White	Black	Span- ish ori- gin ²	White	Black	Span- ish ori- gin ²	Stranger	Non- stranger
1973, total	33	32	42	36	43	53	53	21	32	22	22	11
1974, total	33	32	41	34	44	54	49	21	29	20	22	11
1975, total	33	32	43	40	42	53	50	21	34	30	21	11
1976, total	33	31	44	35	42	55	55	21	36	23	21	12
1977, total	34	33	42	40	45	57	50	22	29	32	21	13
1978, total	34	33	41	37	45	54	54	22	30	23	21	12
1979, total	35	34	42	41	44	53	55	24	32	29	22	12
1980: Total ³	33	32	41	40	43	53	54	22	31	27	21	12
Rape.....	1	1	1	1	(B)	(B)	(B)	2	2	1	1	(B)
Robbery—												
With injury.....	2	2	4	3	3	6	5	2	3	2	2	(B)
Without injury.....	4	4	10	9	5	14	11	2	6	5	4	1
Aggravated assault.....	9	9	13	13	13	19	20	4	7	6	5	3
Simple assault.....	17	17	13	14	22	13	18	12	13	12	9	7
Personal larceny.....	89	83	80	76	89	89	77	78	73	75	(X)	(X)
1981: Total ³	35	33	50	39	44	61	53	23	40	26	23	12
Rape.....	1	1	2	1	(B)	(B)	(B)	2	3	2	1	(B)
Robbery—												
With injury.....	2	2	4	4	3	5	5	2	4	3	2	(B)
Without injury.....	5	4	13	9	5	18	13	3	8	5	4	1
Aggravated assault.....	10	9	14	13	14	20	18	5	10	8	7	3
Simple assault.....	17	17	17	13	22	17	17	13	16	9	10	7
Personal larceny.....	85	85	85	86	90	97	86	81	75	86	(X)	(X)
1982: Total ³	34	33	44	40	42	57	49	25	33	32	22	12
Rape.....	1	1	1	1	(B)	(B)	(B)	1	1	3	1	(B)
Robbery—												
With injury.....	2	2	3	4	3	4	4	1	3	3	2	(B)
Without injury.....	5	4	11	9	5	15	11	3	8	7	4	1
Aggravated assault.....	9	9	15	12	13	21	17	5	9	7	6	3
Simple assault.....	17	18	14	15	21	16	16	14	12	13	10	8
Personal larceny.....	83	83	84	87	90	96	96	77	75	78	(X)	(X)

B Estimated number of victimizations too small to be statistically reliable.

¹ Includes races not shown separately.

X Not applicable.

² Persons of Spanish origin may be of any race.

³ Excludes personal larceny.

NO. 281. VICTIMIZATION RATES FOR CRIMES AGAINST HOUSEHOLDS: 1973 to 1982

[Rates per 1,000 households. Includes attempted offenses. Data based on National Crime Survey; see text, pp. 163-165; and Appendix III]

YEAR AND HOUSEHOLD CHARACTERISTIC	BURGLARY			LARCENY			MOTOR VEHICLE THEFT		
	Total ¹	White	Black	Total ¹	White	Black	Total ¹	White	Black
1973	92	87	133	107	108	104	19	18	24
1974	93	88	135	124	125	112	19	18	26
1975	92	87	129	125	127	115	19	19	27
1976	89	84	131	124	126	112	16	16	21
1977	89	84	122	123	124	116	17	16	21
1978	86	83	115	120	120	121	18	17	21
1979	84	80	114	134	133	132	18	17	22
1980	84	81	115	127	125	134	17	16	25
1981	88	83	134	121	119	142	17	15	24
1982: All households.....	78	73	117	114	111	132	16	15	25
Homeowner.....	61	59	95	98	97	112	12	11	26
Renter.....	107	102	134	141	141	147	23	23	25
Households with income of—									
Under \$3,000.....	121	119	128	128	129	126	10	11	(B)
\$3,000-\$7,499.....	100	91	139	107	101	128	11	10	12
\$7,500-\$9,999.....	86	76	149	132	129	149	13	12	20
\$10,000-\$14,999.....	76	71	112	123	122	130	18	15	38
\$15,000-\$24,999.....	66	65	75	120	118	128	19	17	38
\$25,000 and over.....	71	69	117	111	109	150	17	16	44

B Estimated number of victimizations too small to be statistically reliable.

¹ Includes other races not shown separately.

Source of tables 280 and 281: Through 1975, U.S. Law Enforcement Assistance Administration; thereafter, U.S. Bureau of Justice Statistics, *Criminal Victimization in the United States*, annual.

**NO. 282. VICTIMIZATION RATES FOR CRIMES AGAINST PERSONS AND HOUSEHOLDS, BY TYPE:
1973 TO 1982**

'Rate per 1,000 persons, 12 years old and over; and per 1,000 households, except percent change. Data based on National Crime Survey; see text, pp. 163 and 164, and Appendix III. Minus sign (-) indicates decrease]

YEAR OR PERIOD	PERSONAL SECTOR									HOUSEHOLD SECTOR		
	Violent crimes			Larceny—Theft						Bur- glary	Larc- eny	Motor vehi- cle theft
	Assault			Total	Aggra- vated	Sim- ple	Total	With con- tact	With- out con- tact			
RATE												
1973	32.6	1.0	6.7	24.9	10.1	14.8	91.1	3.1	88.0	91.7	107.0	19.1
1974	33.0	1.0	7.2	24.8	10.4	14.4	95.1	3.1	92.0	93.1	123.8	18.8
1975	32.8	.9	6.8	25.2	9.6	15.6	96.0	3.1	92.9	91.7	125.4	19.5
1976	32.6	.8	6.5	25.3	9.8	15.4	96.1	2.9	93.2	88.9	124.1	16.5
1977	33.9	.9	6.2	26.8	10.0	16.8	97.3	2.7	94.6	88.5	123.3	17.0
1978	33.7	1.0	5.9	26.9	9.7	17.2	96.8	3.1	93.6	86.0	118.9	17.5
1979	34.5	1.1	6.3	27.2	9.9	17.3	91.9	2.9	89.0	84.1	133.7	17.5
1980	33.3	.9	6.6	25.8	9.3	16.5	83.0	3.0	80.0	84.3	126.5	16.7
1981	35.3	1.0	7.4	27.0	9.6	17.3	85.1	3.3	81.9	87.9	121.0	17.1
1982	34.3	.8	7.1	26.4	9.3	17.1	82.5	3.1	79.5	78.2	113.9	16.2
PERCENT CHANGE												
1973-1982	5.3	-14.7	5.0	6.1	-7.8	15.4	-9.4	-3	-9.7	-14.7	6.4	-15.3
1974-1982	3.9	-17.4	-1.4	6.2	-10.4	18.3	-13.3	-1.6	-13.8	-16.0	-8.0	-14.1
1975-1982	4.4	-11.0	4.7	4.8	-3.1	9.8	-14.1	-1.0	-14.5	-14.7	-9.2	-17.0
1976-1982	5.2	-3.6	9.6	4.4	-5.6	10.8	-14.1	5.9	-14.8	-12.1	-8.2	-1.9
1977-1982	1.1	-9.0	13.8	-1.5	-6.7	1.6	-15.2	15.5	-16.0	-11.7	-7.6	-4.8
1978-1982	1.6	-16.5	20.2	-1.8	-3.9	-5	-14.7	-1.9	-15.2	-9	-5.0	-7.7
1979-1982	-8	-25.0	13.1	-8.1	-6.2	-12	-10.2	6.6	-10.8	-7	-14.8	-7.8
1980-1982	9.0	-13.8	7.9	2.5	-5.5	3.6	-6	1.0	-7	-7.2	-10.0	-3.2
1981-1982	-9.0	-14.7	-4.5	-2.2	-3.4	-1.4	-3.1	-5.8	-3.0	-11.1	-5.9	-5.6

Source: U.S. Bureau of Justice Statistics, *Criminal Victimization in the United States*, annual.

NO. 283. HOMICIDE VICTIMS, BY RACE AND SEX: 1950 TO 1981

[Rates per 100,000 resident population in specified group. Beginning 1970, excludes deaths to nonresidents of U.S. Beginning 1979, deaths classified according to the ninth revision of the *International Classification of Diseases*; for earlier years, classified according to revision in use at the time, see text, p. 55. See also *Historical Statistics, Colonial Times to 1970*, series H 971-978]

YEAR	HOMICIDE VICTIMS						HOMICIDE RATE ^a					
	Total ¹	White		Black		Total ¹	White		Black		Male	Female
		Male	Female	Male	Female		Male	Female	Male	Female		
1950	7,942	2,586	952	3,450	890	5.3	3.9	1.4	(NA)	(NA)		
1955	7,418	2,499	926	3,126	846	4.5	3.4	1.2	(NA)	(NA)		
1960	8,484	2,832	1,154	3,245	1,013	4.7	3.6	1.4	36.7	10.4		
1965	10,712	3,660	1,379	4,076	1,147	6.5	4.4	1.6	43.4	10.5		
1970	16,848	5,865	1,938	7,265	1,569	8.3	6.8	2.1	67.6	13.3		
1975	21,310	8,222	2,751	6,092	1,929	9.9	9.0	2.9	69.0	14.9		
1977	19,554	7,568	2,547	7,327	1,767	9.0	8.2	2.6	61.6	13.4		
1978	19,968	7,951	2,787	7,135	1,734	9.1	8.6	2.9	59.1	12.9		
1979	20,432	8,429	2,771	7,118	1,739	9.2	9.0	2.8	58.1	12.8		
1980	22,550	9,392	2,942	7,938	1,674	10.0	9.9	3.0	63.8	13.5		
1981	24,278	10,381	3,177	8,985	1,698	10.7	10.9	3.2	66.6	13.5		
	23,646	9,941	3,125	8,912	1,825	10.3	10.4	3.1	64.8	12.7		

NA Not available. ^a Includes races not shown separately. ^b Rate based on enumerated population figures as of April 1 for 1950, 1960, and 1970; July 1 estimates for other years.

NO. 284. HOMICIDE VICTIMS: 1960 TO 1981

[Beginning 1970, excludes deaths of nonresidents of the United States. See headnote, table 283. See also *Historical Statistics, Colonial Times to 1970*, series H 971-986]

ITEM	1960, total	1965, total	1970		1978		1979		1980		1981	
			Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Homicides	8,464	10,712	13,278	3,570	15,838	4,594	17,828	4,922	19,088	5,190	18,572	5,074
Assault by—												
Firearms ¹	4,827	6,158	9,208	2,004	10,997	2,089	12,023	2,479	12,878	2,622	12,548	2,541
Percent of total	54.7	57.5	69.4	56.1	69.4	52.0	68.2	50.4	67.5	50.5	67.6	50.1
Cutting and piercing instru.....	1,838	2,292	2,229	551	2,729	783	3,196	881	3,461	893	3,469	843
Other means	1,700	1,984	1,512	1,010	1,854	1,414	2,069	1,554	2,440	1,673	2,271	1,689
Intervention of police	245	271	328	5	257	8	337	8	309	2	283	1
Execution	56	7	—	—	1	—	3	—	—	1	—	—
Infanticides ²	199	213	80	70	82	79	104	66	114	98	106	112

¹ Represents zero. ² Includes explosives. ³ Included above; homicide victims under 1 year of age.

Source of tables 283 and 284: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual.

NO. 285. MURDER CIRCUMSTANCES/MOTIVES: 1977 TO 1983

CIRCUMSTANCE	1977	1978	1979	1980	1981	1982	1983
Murders, total.....	18,033	18,714	20,591	21,860	20,053	19,485	18,873
Percent distribution.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Felony, total.....	16.7	16.7	16.9	17.7	17.2	17.7	18.0
Robbery.....	9.9	10.2	10.5	10.8	10.4	10.7	10.6
Narcotics.....	1.7	1.7	1.9	1.7	1.8	1.8	2.0
Sex offenses.....	1.7	1.4	1.6	1.5	1.4	1.4	1.6
Other felony.....	3.4	3.3	2.9	3.7	3.6	3.7	3.9
Suspected felony.....	5.9	5.6	5.3	6.7	5.5	5.2	5.2
Argument, total.....	46.6	45.5	42.9	44.6	42.2	40.9	43.7
Influence of alcohol and/or narcotics ¹	5.3	5.3	4.5	4.8	4.1	4.0	4.1
Property or money.....	3.3	3.5	3.0	2.6	3.0	3.2	2.8
Romantic triangle.....	2.8	2.7	2.4	2.3	2.5	2.4	2.6
Other arguments.....	35.2	33.9	33.0	35.0	32.5	31.3	34.1
Other motives.....	16.6	16.3	17.2	15.9	17.1	16.7	14.2
Unknown motives.....	14.2	13.8	17.7	15.1	17.8	19.6	20.9

¹ Murders committed during arguments while under influence of narcotics are not counted in felony murders.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

NO. 286. MURDER VICTIMS, BY WEAPONS USED OR CAUSE: 1974 TO 1983

(Based solely on police investigation. See text, p. 163, for definition of murder)

YEAR	Murder victims, total	WEAPONS USED OR CAUSE OF DEATH									
		Guns			Cutting or stabbing		Blunt object ¹	Strangulations, beatings	Arson	All other ²	
		Total	Percent of total	Percent handguns	Total	Percent					
1974.....	18,632	12,474	68	54	3,228	17	976	1,417	153	384	
1975.....	18,642	12,061	66	51	3,245	17	1,001	1,646	193	496	
1976.....	18,605	10,592	64	49	2,956	18	806	1,330	227	694	
1977.....	18,033	11,274	63	48	3,440	19	849	1,431	252	787	
1978.....	18,714	11,910	64	49	3,526	19	896	1,422	255	705	
1979.....	20,591	13,040	63	50	3,954	19	997	1,557	276	767	
1980.....	21,860	13,650	62	50	4,212	19	1,094	1,666	291	947	
1981.....	20,053	12,523	62	50	2,886	19	1,038	1,469	258	879	
1982.....	19,485	11,721	60	43	4,065	21	957	1,657	279	806	
1983.....	18,673	10,895	56	44	4,075	22	1,062	1,656	216	769	

¹ Refers to club, hammer, etc. ² Includes poison, drownings, and unknown.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

No. 287. SELECTED CRIMES, BY TYPE: 1983

TYPE OF CRIME	Offenses (1,000)	PERCENT		Average value lost (dol.)	TYPE OF CRIME	Offenses (1,000)	PERCENT		Average value lost (dol.)
		Change from 1982 ¹	Inci-dence, 1983				Change from 1982 ¹	Inci-dence, 1983	
Robbery, total².....	454	-8.5	100.0	645	Larceny—theft, total²....	6,185	-5.9	100.0	348
Highway.....	246	-6.4	54.2	397	Pocket picking.....	76	-5.0	1.2	218
Commercial house.....	51	-13.0	11.1	1,380	Purse snatching.....	85	-8.1	1.4	178
Gas station.....	14	-19.3	9.1	364	Shoplifting.....	793	-1.1	12.8	72
Convenience store.....	26	-14.2	5.8	463	From motor vehicles.....	1,156	-4.7	18.7	381
Residence.....	52	-6.5	11.4	956	Motor vehicle accesso-ries.....	1,186	-9.8	19.2	238
Bank.....	6	-8	1.3	4,057	Bicycles.....	1,522	-10.0	8.4	152
Burglary, total.....	2,860	-9.0	100.0	860	From buildings.....	983	-5.0	15.9	510
Residence.....	1,897	-8.0	66.3	893	From coin-operated machines.....	54	-8.6	.9	133
Nonresidence.....	963	-10.9	33.7	794					

¹ Minus sign (-) indicates decrease. ² Includes types not shown separately.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual; and unpublished data.

Law Enforcement, Courts, and Prisons

No. 288. PERCENT OF FIREARMS USED IN SELECTED CRIMES, BY REGION: 1980 TO 1983

[For definitions of crimes, see text, pp. 163 and 164. For regions, see fig. I. Murder includes nonnegligent manslaughter]

REGION	MURDER				AGGRAVATED ASSAULT				ROBBERY			
	1980	1981	1982	1983	1980	1981	1982	1983	1980	1981	1982	1983
U.S. total	62.4	62.4	60.2	58.3	23.9	23.6	22.4	21.2	40.3	40.1	39.8	36.7
Northeast	54.2	53.4	52.2	50.5	15.5	16.9	14.9	14.1	32.6	34.6	33.2	30.8
Midwest	62.8	62.8	60.6	59.0	25.0	22.5	23.1	22.2	42.0	38.3	38.9	34.7
South	68.4	68.0	65.8	63.8	27.6	27.8	26.1	24.9	45.7	46.9	47.3	44.3
West	57.8	57.6	55.1	53.6	24.5	23.3	22.0	20.4	43.2	42.0	41.2	37.2

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

No. 289. LAW ENFORCEMENT OFFICERS KILLED, BY GEOGRAPHIC DIVISION: 1973 TO 1983

[Covers officers killed in line of duty; includes Federal officers. For composition of divisions, see fig. I, inside front cover. See also *Historical Statistics, Colonial Times to 1970*, series H 987-998]

DIVISION	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total killed	176	179	185	140	125	145	164	165	157	164	152
By felonies	134	132	129	111	93	93	106	104	91	92	80
In accidents	42	47	56	29	32	52	58	61	66	72	72
New England	7	2	4	4	2	4	2	6	5	5	4
Middle Atlantic	21	18	24	15	12	13	19	25	12	12	16
East North Central	21	43	32	20	10	13	23	14	16	32	20
West North Central	6	8	8	10	16	11	5	9	13	9	8
South Atlantic	37	42	31	34	31	23	36	32	35	29	27
East South Central	13	12	18	14	11	16	22	15	21	13	13
West South Central	30	23	22	21	23	30	19	25	24	33	24
Mountain	16	9	14	4	3	7	14	11	8	11	10
Pacific	21	18	22	13	15	24	18	21	19	16	24
Puerto Rico	4	4	8	4	1	4	4	6	3	3	6

¹ Includes one officer each in Virgin Islands and Guam. ² Includes one officer in Colombia. ³ Includes one officer in Virgin Islands. ⁴ Includes 2 officers in Guam. ⁵ Includes one officer in American Samoa. ⁶ Includes one officer in Mariana Islands. ⁷ Includes one officer each in Guam and Mariana Islands.

No. 290. LAW ENFORCEMENT OFFICERS ASSAULTED, BY TYPE OF WEAPON USED: 1975 TO 1983

YEAR	Popula- tion ¹ (1,000)	NUMBER OF—		Total assaulted	Firearm	Knife or cutting instrument	Other danger- ous weapon	Hands, fists, feet, etc.
		Agencies repre- sented	Police officers					
1975	151,927	7,435	290,638	44,867	3,282	1,287	4,516	35,782
1980	182,288	9,235	345,554	57,847	3,295	1,653	5,415	47,484
1981	177,636	9,019	332,856	57,116	3,330	1,733	4,800	47,253
1982	176,563	8,829	319,101	55,775	2,642	1,452	4,879	46,802
1983	198,341	9,908	377,620	62,324	3,067	1,829	5,527	51,901

¹ Represents the number of persons covered by agencies shown.Source of tables 289 and 290: U.S. Federal Bureau of Investigation, *Law Enforcement Officers Killed and Assaulted*, annual.

No. 291. REPORTED CHILD NEGLECT AND ABUSE CASES, BY DIVISION: 1978 TO 1982

[Derived from data provided by State child protective services personnel to the National Study on Child Neglect and Abuse Reporting, conducted by The American Humane Association and funded through the National Center on Child Abuse and Neglect, OHDS, DHHS. Represents total number of child maltreatment reports documented within the States, including substantiated and unsubstantiated reports. Also, the figures embody the variation among States with respect to whether they use individual child reports or reports which indicate all involved children in the family. Minus sign (–) indicates decline]

YEARS	U.S. total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mount- ain	Pacific
Total number of reports (1,000):										
1978	806.6	83.4	76.3	69.1	68.8	96.3	59.5	52.9	38.6	111.7
1979	707.4	41.3	85.5	104.8	86.6	126.2	61.5	61.7	31.9	127.8
1980	785.1	48.3	91.8	105.3	77.7	154.5	58.2	69.7	37.7	141.8
1981	846.2	93.0	101.9	110.5	85.7	174.8	66.1	88.4	37.3	142.5
1982	924.1	48.9	105.5	126.0	98.8	182.1	75.4	95.8	41.5	151.0
Percent change:										
1978-1979	16.6	23.5	12.1	51.7	-3.2	31.0	3.4	16.7	-17.3	14.4
1979-1980	11.0	17.1	7.3	5	16.6	22.4	-5.3	13.0	18.0	11.0
1980-1981	7.8	-19.3	11.0	4.9	10.3	13.1	13.6	26.8	-1.1	.5
1981-1982	9.2	27.9	3.5	14.0	13.0	4.2	14.1	8.4	11.3	6.0
Reports per 1,000 population: ¹										
1978	2.7	2.7	2.1	1.7	4.0	2.7	4.1	2.3	3.6	3.7
1979	3.2	3.3	2.3	2.5	3.9	3.5	4.2	2.7	2.9	4.1
1980	3.5	3.9	2.5	2.5	4.5	4.2	4.0	2.9	3.3	4.4
1981	3.7	3.1	2.8	2.7	5.0	4.6	4.5	3.6	3.2	4.4
1982	4.0	4.0	2.9	3.0	5.6	4.6	5.1	3.8	3.6	4.6

¹ Based on Bureau of the Census estimated resident population as of July 1.Source: American Humane Association, Denver, CO, *National Analysis of Official Child Neglect and Abuse Reporting*, annual.

Persons Arrested

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No. 292. PERSONS ARRESTED BY SEX, AGE, AND RACE: 1975 TO 1983

[1975-1981 data represent agencies reporting 6 to 12 months; thereafter data represent those agencies reporting 12 months. See also *Historical Statistics, Colonial Times to 1970*, series H 999-1011]

ITEM	Unit	1975	1976	1977	1978	1979	1980	1981	1982	1983
SEX AND AGE										
Agencies reporting.....	Number	8,051	10,119	10,904	11,872	11,758	12,042	12,811	9,832	10,827
Population represented.....	Million	179	175	198	207	205	208	214	187	201
Percent of total population ¹	Percent	84.1	81.8	91.7	95.0	93.0	92.4	93.6	80.9	85.8
Persons arrested ²	1,000	8,014	7,812	9,029	9,775	9,606	9,703	10,298	10,062	10,287
Male.....	1,000	6,752	6,672	7,581	8,227	8,011	8,170	8,633	8,425	8,582
Percent of total.....	Percent	84.3	84.3	84.0	84.2	84.3	84.2	83.9	83.7	83.4
Percent under 18 yr.....	Percent	25.5	23.3	22.5	22.0	21.3	19.7	18.8	17.0	15.8
Female.....	1,000	1,262	1,240	1,448	1,548	1,495	1,533	1,660	1,637	1,705
Percent of total.....	Percent	15.7	15.7	16.0	15.8	15.7	15.8	16.1	16.3	16.6
Percent under 18 yr.....	Percent	35.5	33.5	32.2	30.4	29.4	27.1	25.0	22.8	21.5
Under 18 years.....	1,000	2,078	1,973	2,170	2,279	2,143	2,026	2,036	1,805	1,726
Percent of total.....	Percent	25.9	24.9	24.0	23.3	22.5	20.9	19.8	17.9	16.8
18-24 years.....	1,000	2,482	2,517	2,920	3,257	3,279	3,426	3,594	3,527	3,513
25-34 years.....	1,000	1,546	1,589	1,887	2,111	2,108	2,298	2,584	2,692	2,892
35-44 years.....	1,000	870	857	970	1,037	983	1,001	1,089	1,115	1,211
45-54 years.....	1,000	644	604	665	669	600	574	593	554	570
55 years and over.....	1,000	386	367	409	412	385	378	400	370	375
RACE										
Agencies reporting.....	Number	7,993	10,056	10,864	11,852	11,689	12,013	12,747	9,789	10,765
Population represented.....	Million	169	173	197	207	204	208	214	186	200
Percent of total population ¹	Percent	79.5	80.8	91.1	94.7	92.9	92.2	93.3	80.5	85.5
Persons arrested ²	1,000	7,571	7,384	8,972	9,688	9,468	9,684	10,264	10,000	10,248
White.....	1,000	5,539	5,337	6,429	6,793	6,849	7,146	7,482	7,070	7,281
Percent of total.....	Percent	72.2	72.3	71.7	70.1	72.3	73.8	72.9	70.7	71.1
Black.....	1,000	1,935	1,870	2,308	2,562	2,843	2,875	2,619	2,777	2,798
Other.....	1,000	197	177	235	336	276	163	163	153	161

¹ Based on resident population as of July 1, except 1980 based on April 1 census count. ² Represents each person arrested rather than number of charges filed against each. Through 1981, includes persons for whom age was not known, not shown separately in breakdown by age.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

NO. 293. PERSONS ARRESTED, BY CHARGE, SEX, AND AGE: 1983

[Represents arrests (not charges) reported by 10,827 agencies (reporting 12 months) with a total 1983 population of 201 million as estimated by FBI]

CHARGE	Total (1,000)	PERCENT DISTRIBUTION							
		Male	Under 15 yr.	Under 18 yr.	18-24 yr.	25-44 yr.	45-54 yr.	55-64 yr.	
Total arrests.....	10,287	83.4	5.5	16.8	34.1	39.9	5.5	2.7	.9
Serious crimes ¹	2,151	79.9	12.1	30.4	32.6	30.9	3.4	1.8	.9
Murder and nonnegligent manslaughter.....	18	86.7	.9	7.4	34.0	48.1	6.3	2.9	1.3
Forcible rape.....	30	99.0	4.4	14.5	35.1	44.2	4.0	1.7	.5
Robbery.....	134	92.6	6.9	26.3	41.7	30.1	1.4	.4	.1
Aggravated assault.....	261	86.5	3.9	12.9	31.9	46.0	5.7	2.5	.9
Burglary ²	416	93.2	14.3	38.3	37.1	22.9	1.2	.4	.1
Larceny—theft.....	1,169	70.5	14.4	32.3	24.8	30.3	4.0	2.3	1.3
Motor vehicle theft.....	106	91.1	8.2	34.6	37.4	25.5	1.8	.6	.2
Arson.....	17	87.8	23.9	37.5	24.4	31.3	4.4	1.7	.5
All other:									
Other assaults.....	482	85.3	6.2	16.3	32.3	44.0	4.8	1.9	.6
Forgery and counterfeiting.....	75	66.6	1.6	9.0	36.6	49.0	3.9	1.1	.3
Fraud.....	262	59.8	3.5	8.0	26.3	56.5	6.5	2.1	.6
Embezzlement.....	8	67.6	1.0	6.0	33.9	50.8	6.5	2.3	.4
Stolen property.....	112	88.6	6.9	23.6	38.8	33.0	3.0	1.2	.3
Vandalism.....	213	90.4	22.8	43.8	29.9	23.3	2.0	.8	.3
Weapons (carrying, etc.).....	161	92.2	3.8	14.0	33.7	43.1	5.7	2.6	.9
Prostitution and commercialized vice.....	119	29.8	.2	2.4	51.0	42.8	2.3	1.2	.4
Sex offenses ⁴	77	92.5	6.9	15.7	26.9	44.5	7.2	4.0	1.7
Drug abuse violations.....	617	86.0	1.9	11.8	44.2	41.2	1.9	.7	.1
Gambling.....	38	89.1	.3	2.8	18.7	47.6	16.5	10.0	4.3
Offenses against family and children.....	46	88.9	1.0	2.8	26.5	62.7	5.9	1.6	.4
Driving while intoxicated.....	1,613	88.8	(2)	1.5	31.7	51.7	9.1	4.5	1.3
Liquor laws.....	427	63.6	2.1	26.7	51.4	16.9	2.9	1.6	.5
Drunkenness.....	978	91.3	.3	2.9	28.1	48.5	11.7	6.7	2.1
Disorderly conduct.....	679	83.8	4.0	14.4	38.1	38.7	5.1	2.9	.8
Vagrancy.....	31	89.8	2.0	8.1	30.4	48.6	8.2	3.7	1.1
Suspicion.....	12	85.3	8.2	23.1	34.2	37.9	3.4	1.0	.4
Curfew, loitering (juveniles).....	68	76.4	27.5	100.0	(x)	(x)	(x)	(x)	(x)
Runaways (juveniles).....	112	42.1	43.4	100.0	(x)	(x)	(x)	(x)	(x)
All other offenses, except traffic.....	2,006	84.7	3.7	14.0	37.0	41.5	4.7	2.0	.7

X Not applicable Z Less than .05 percent ¹ Includes arson arrests, a newly established index offense in 1979.

² Breaking or entering. ³ Buying, receiving, possessing. ⁴ Excludes forcible rape and prostitution, shown separately.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

Law Enforcement, Courts, and Prisons

NO. 294. ARSON ARRESTS, BY SEX, AGE, AND RACE: 1974 TO 1983

[See headnote, table 292 for coverage. See also *Historical Statistics, Colonial Times to 1970*, series H 999-1011]

SEX, AGE, AND RACE	Unit	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
SEX AND AGE											
Agencies reporting.....	Number.....	5,298	8,051	10,119	10,904	11,872	11,758	12,042	12,811	9,832	10,827
Population represented.....	Population Million.....	134.1	179.2	175.5	198.4	207.1	204.6	208.2	214.4	187.3	200.7
Percent of total population ¹	Percent.....	63.4	84.1	81.8	91.7	95.0	93.0	92.4	93.6	80.9	85.8
Persons arrested ²	1,000.....	10.8	14.6	14.5	16.5	18.1	18.4	18.5	19.4	16.9	17.2
Male.....	1,000.....	9.6	12.9	12.9	14.7	15.9	16.3	16.3	17.1	14.7	15.1
Percent of total	Percent.....	89.5	88.7	88.8	88.7	87.8	88.7	88.1	88.6	87.1	87.8
Percent under 18 yr.....	Percent.....	58.4	53.2	54.2	50.9	49.8	49.9	45.1	43.5	37.6	38.6
Female	1,000.....	1.1	1.6	1.6	1.9	2.2	2.1	2.2	2.2	2.2	2.1
Percent of total	Percent.....	10.5	11.3	11.1	11.3	12.2	11.9	11.9	11.5	12.9	12.2
Percent under 18 yr.....	Percent.....	51.2	44.0	43.4	41.1	37.7	41.7	38.0	33.9	33.9	29.8
Under 18 years	1,000.....	6.3	7.7	7.6	8.2	8.8	9.0	8.2	8.2	6.3	6.5
Percent of total	Percent.....	58.7	53.0	52.3	49.8	48.4	49.0	44.2	42.4	37.2	37.5
18-24 years.....	1,000.....	2.0	3.2	3.2	3.8	4.3	4.4	4.8	4.8	4.2	4.2
25-34 years.....	1,000.....	1.3	1.9	2.0	2.4	2.7	2.7	3.0	3.5	3.6	3.6
35-44 years.....	1,000.....	.6	1.0	.9	1.1	1.4	1.3	1.4	1.6	1.6	1.8
45-54 years.....	1,000.....	.4	.5	.5	.6	.7	.6	.7	.8	.7	.8
55 years and over	1,000.....	.2	.3	.3	.3	.3	.3	.4	.4	.4	.4
RACE											
Agencies reporting.....	Number.....	5,222	7,993	10,058	10,864	11,852	11,688	12,013	12,747	9,789	10,765
Population represented.....	Population Million.....	124.3	169.5	173.5	197.0	206.6	204.4	207.9	213.8	186.5	200.1
Percent of total population ¹	Percent.....	58.8	79.5	80.8	91.1	94.7	92.9	92.3	93.3	80.6	85.5
Persons arrested ²	1,000.....	10.1	13.7	13.6	16.4	18.0	18.3	18.4	18.3	16.8	17.1
White	1,000.....	7.9	10.8	10.7	12.6	13.6	14.5	14.5	15.1	12.5	13.0
Percent of total	Percent.....	78.1	79.3	78.7	76.8	75.8	78.9	78.7	78.4	74.0	76.5
Black.....	1,000.....	2.0	2.6	2.7	3.5	3.9	3.5	3.8	4.0	4.2	4.0
Other.....	1,000.....	.1	.1	.2	.3	.4	.3	.2	.2	.2	.2

¹ Based on resident population, as of July 1. ² Represents each person arrested rather than number of charges filed against each. Includes persons for whom age was not known, not shown separately in breakdown by age.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

NO. 295. ARSON—SUMMARY: 1983

[10,046 agencies reporting. Includes only fires determined through investigation to have been willfully or maliciously set, including attempts]

PROPERTY CLASSIFICATION	Total offenses (number)	Percent distribution	Percent cleared by arrest	Percent under 18 ¹	Average damage (dol.)
Total.....	84,700	100.0	18.8	34.9	9,384
Structure, total.....	51,860	61.0	21.7	33.8	13,920
Single occupancy residential.....	24,371	28.6	19.4	28.3	9,418
Other residential.....	8,064	9.5	25.5	28.6	10,119
Storage.....	5,154	6.1	18.5	50.6	16,308
Industrial/manufacturing.....	825	1.0	15.5	26.6	59,372
Other commercial.....	6,223	7.3	18.3	22.3	31,238
Community/public.....	4,750	5.6	37.1	49.1	12,940
Other structure.....	2,303	2.7	19.6	49.3	8,477
Mobile, total.....	19,724	23.3	11.3	18.0	3,407
Motor vehicle.....	17,992	21.2	10.8	15.8	2,938
Other mobile.....	1,732	2.0	16.6	33.1	8,280
Other.....	13,286	15.7	18.3	55.7	610

¹ Percent involving only persons under 18 years of age.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

Communication Intercepts—Public Corruption—Criminal Justice System 175

No. 296. AUTHORIZED INTERCEPTS OF COMMUNICATION—SUMMARY: 1970 TO 1983

[Data for jurisdictions with statutes authorizing or approving interception of wire or oral communication]

ITEM	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Jurisdictions: ¹												
With wiretap statutes.....	19	24	24	24	24	24	24	26	28	29	29	31
Reporting interceptions.....	12	20	19	18	21	19	20	20	22	22	22	20
Intercept applications authorized.....	596	864	728	701	686	626	570	553	564	589	578	648
Intercept installations.....	592	812	694	676	635	601	560	533	524	562	518	602
Federal.....	179	130	120	108	136	77	81	87	79	106	129	205
State.....	403	682	574	570	499	524	479	446	445	456	389	397
Intercepted communications, avg. ²	656	610	850	654	662	658	738	866	1,058	848	1,082	1,107
Incriminating.....	298	304	431	305	272	268	205	252	315	190	209	229
Persons arrested ³	1,874	2,306	2,162	2,234	2,180	2,191	1,825	1,717	1,871	1,735	1,725	1,716
Convictions ³	151	409	179	336	358	372	337	368	259	248	453	521
Major offense specified:												
Gambling.....	325	446	381	408	378	265	241	204	199	156	150	157
Drugs.....	127	229	199	178	190	237	195	250	282	318	333	360
Homicide and assault.....	21	47	21	16	10	22	25	29	13	33	31	31
Other.....	123	142	127	98	108	102	109	70	70	82	84	100

¹ Jurisdictions include Federal Government, States, and beginning 1975, District of Columbia. ² Average per authorized installation. ³ Based on information received from intercepts installed in year shown.

Source: Administrative Office of the U.S. Courts, *Report on Applications for Orders Authorizing or Approving the Interception of Wire or Oral Communications*, (Wiretap Report), annual.

No. 297. FEDERAL PROSECUTIONS OF PUBLIC CORRUPTION: 1971 TO 1983

[As of Dec. 31, Prosecution of persons who have corrupted public office in violation of Federal Criminal Statutes]

PROSECUTION STATUS	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total: ¹ Indicted.....	160	208	244	291	255	563	507	557	687	721	878	729	1,073
Convicted.....	108	142	181	217	179	380	440	409	555	552	730	671	972
Awaiting trial.....	—	5	18	5	27	199	210	205	187	213	231	186	222
Federal officials: Indicted.....	58	58	60	59	53	111	129	133	128	123	198	158	460
Convicted.....	40	42	48	51	43	101	94	91	115	131	159	147	424
Awaiting trial.....	—	4	2	1	5	1	32	42	21	16	23	38	58
State officials: Indicted.....	21	17	19	36	36	59	50	55	58	72	87	49	81
Convicted.....	16	10	17	23	18	35	38	56	32	51	66	43	65
Awaiting trial.....	—	—	—	—	5	30	33	20	30	28	36	18	26
Local officials: Indicted.....	46	106	85	130	139	194	157	171	212	247	244	257	270
Convicted.....	28	75	64	87	94	100	164	127	156	168	211	232	226
Awaiting trial.....	—	—	2	4	15	98	62	72	67	82	102	58	81

[—] Represents zero. ¹ Includes individuals who are neither public officials nor employees but who were involved with public officials or employees in violating the law, not shown separately.

Source: U.S. Department of Justice, *Federal Prosecutions of Corrupt Public Officials, 1970-1980* and *Report to Congress on the Activities and Operations of the Public Integrity Section*, annual.

No. 298. CRIMINAL JUSTICE SYSTEM—PUBLIC EXPENDITURES AND EMPLOYMENT, BY LEVEL OF GOVERNMENT: 1970 TO 1979

[Expenditures are for fiscal years closing during year shown. Employment as of October. Expenditures are direct expenditures only and on cash flow basis. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series H 1012-1027]

LEVEL OF GOVERNMENT AND ACTIVITY	EXPENDITURES (mil. dol.)						FULL-TIME EQUIVALENT EMPLOYMENT					
	1970	1975	1976	1977	1978	1979	Total ¹ (1,000)			Rate ²		
							1970	1975	1979	1970	1975	1979
All governments.....	³ 8,571	³ 17,249	³ 19,681	³ 21,574	³ 24,132	³ 26,028	775	³ 1,051	³ 1,178	38.0	³ 49.3	³ 53.5
Police.....	5,080	9,786	11,028	11,885	13,120	13,917	489	625	654	24.0	29.3	29.7
Judicial and legal.....	1,734	3,281	3,807	4,267	5,051	5,628	137	193	238	6.8	9.1	10.8
Corrections.....	1,706	3,843	4,386	4,934	5,523	6,040	148	225	277	7.3	10.5	12.6
Federal government.....	³ 978	³ 2,189	³ 2,450	² 2,779	³ 3,122	³ 3,379	59	³ 96	³ 103	2.9	³ 4.5	⁴ 4.7
Police.....	589	1,461	1,612	1,765	1,952	2,053	40	69	73	1.9	3.2	3.3
Judicial and legal.....	327	429	472	616	746	876	14	14	16	.6	.6	.8
Corrections.....	83	217	256	299	337	354	6	11	12	.3	.5	.6
State governments.....	³ 2,134	³ 4,612	³ 5,204	³ 5,812	³ 6,688	³ 7,393	172	³ 263	³ 329	8.5	³ 12.4	³ 14.9
Percent of total.....	24.9	26.7	26.4	26.9	27.7	28.4	22.2	25.0	27.9	(X)	(X)	(X)
Police.....	689	1,512	1,696	1,800	1,892	1,989	66	92	92	2.7	4.3	4.2
Judicial and legal.....	374	779	903	1,026	1,497	1,748	26	41	73	1.2	1.8	3.3
Corrections.....	1,051	2,193	2,475	2,847	3,177	3,531	90	127	161	4.4	6.0	7.3
Local governments ⁴	³ 5,464	³ 10,449	³ 12,027	³ 12,983	¹⁴ 34,322	³ 15,257	543	³ 691	³ 746	^{26.7}	^{32.4}	^{33.9}
Percent of total.....	63.8	60.6	61.1	60.2	59.3	58.6	70.1	65.7	63.3	(X)	(X)	(X)
Police.....	3,803	6,813	7,720	8,300	9,278	9,876	394	463	489	19.3	21.7	22.2
Judicial and legal.....	1,073	2,073	2,432	2,626	2,809	3,004	98	139	150	4.7	6.6	6.8
Corrections.....	572	1,434	1,654	1,788	2,009	2,154	52	87	104	2.6	4.1	4.7

X Not applicable. ¹ Total payroll divided by full-time payroll multiplied by full-time employees. ² Rate per 10,000 estimated resident population as of July 1.

³ Includes others not shown separately. ⁴ Data are estimates subject to sampling variation; see Appendix III and source.

Source: 1970-1977, U.S. Law Enforcement Assistance Administration and U.S. Bureau of the Census; 1978, U.S. Bureau of Justice Statistics and U.S. Bureau of the Census; thereafter, U.S. Bureau of Justice Statistics, *Expenditure and Employment Data for the Criminal Justice System*, annual.

Law Enforcement, Courts, and Prisons

No. 299. STATE AND LOCAL GOVERNMENT POLICE PROTECTION AND CORRECTION EMPLOYMENT AND PAYROLLS, 1983, AND EXPENDITURES, 1982

[Employment and payrolls as of October. Expenditures for fiscal years ending between July 1981 and June 1982. Local government data are estimates subject to sampling variation; see Appendix III and source.]

REGION, DIVISION, AND STATE	1983							1982 EXPENDITURES				
	Full-time equivalent employment				October payroll (\$1,000)			Total (mil. dol.)	Per capita ^a (dol.)	Police protec- tion (mil. dol.)	Correc- tion (mil. dol.)	
	Total	Police protec- tion	Correc- tion	Per 10,000 population ¹	Police protec- tion	Correc- tion	Total					
Total.....	902,868	606,223	296,645	25.9	12.7	1,631,453	1,144,949	486,504	24,945	110.11	16,461	8,484
Region:												
Northeast.....	219,742	149,109	70,633	30.1	14.3	426,965	300,994	125,971	5,862	119.30	3,897	1,965
Midwest.....	201,242	145,469	55,773	24.7	9.5	361,478	272,040	89,498	5,701	96.85	4,056	1,845
South.....	302,020	191,678	110,341	24.1	13.9	469,031	308,286	160,745	7,237	96.02	4,549	2,688
West.....	179,864	119,866	59,898	26.1	13.0	373,979	263,831	110,348	6,145	142.34	3,959	2,186
N. Eng.....	45,853	32,345	13,508	25.9	10.8	82,992	60,423	22,589	1,143	92.57	788	355
ME.....	3,346	2,250	1,098	19.6	9.6	5,021	3,413	1,608	74	65.78	50	24
NH.....	2,906	2,177	728	22.7	7.6	4,699	3,830	1,069	69	75.22	51	18
VT.....	1,550	1,092	458	20.8	8.7	2,540	1,859	681	38	74.14	25	13
MA.....	22,878	15,932	6,944	27.6	12.0	41,497	30,581	10,916	575	100.23	385	190
RI.....	9,468	2,517	951	28.4	10.0	8,277	4,883	1,814	92	97.26	67	25
CT.....	11,707	8,377	3,330	26.7	10.6	22,958	16,277	6,681	295	94.88	210	85
Mid. Atl.....	173,889	116,764	57,125	31.5	15.4	343,973	240,571	103,402	4,719	128.23	3,109	1,810
NY.....	95,898	60,653	35,243	34.3	19.9	204,243	135,844	68,399	2,785	158.69	1,790	996
NJ.....	39,245	27,559	11,686	36.9	15.6	70,512	51,932	18,580	888	120.51	620	268
PA.....	38,748	28,552	10,186	24.0	8.6	69,218	52,795	16,423	1,045	88.05	689	346
E. No. Cent.....	146,267	105,920	40,347	25.5	9.7	269,501	203,745	65,756	4,298	103.11	3,071	1,227
OH.....	33,495	24,073	9,422	22.4	8.8	55,526	41,952	13,574	887	82.18	661	226
IN.....	16,656	11,479	5,189	21.0	9.5	23,282	16,763	6,519	385	70.09	249	136
JL.....	49,525	37,917	11,608	33.0	10.1	95,521	77,071	18,450	1,322	115.70	973	349
MI.....	30,325	20,684	9,631	22.8	10.6	64,520	45,369	19,151	1,145	123.62	772	373
WI.....	16,254	11,757	4,497	24.7	9.5	30,652	22,590	8,082	559	118.91	416	143
W. No. Cent.....	54,975	39,549	15,426	22.7	8.9	91,977	68,295	23,682	1,403	81.65	985	418
MN.....	11,510	7,804	3,708	18.8	8.9	23,796	16,422	7,374	372	81.16	256	116
IA.....	8,025	5,614	2,411	19.3	8.3	13,103	9,823	3,780	220	75.50	145	75
MO.....	18,299	13,935	4,364	28.0	8.8	29,540	23,495	6,045	424	86.16	319	105
ND.....	1,810	1,370	440	20.1	6.5	2,726	2,136	590	43	65.35	30	13
SD.....	1,907	1,454	453	20.8	6.5	2,617	2,035	582	42	60.12	31	11
NE.....	5,302	3,502	1,800	21.9	11.3	8,407	6,097	2,310	125	79.69	79	46
KS.....	8,122	5,870	2,252	24.2	9.3	11,788	8,787	3,001	177	74.78	125	52
So. Atl.....	164,328	100,228	64,100	25.8	16.5	282,457	168,194	98,283	4,014	108.61	2,497	1,517
DE.....	2,860	1,517	1,343	25.0	22.2	4,795	2,825	1,794	83	138.80	47	36
MD.....	19,392	12,682	6,710	29.5	15.6	35,439	24,554	10,884	581	132.91	335	226
DC.....	6,580	4,409	2,171	68.9	34.4	15,822	10,843	4,979	234	366.60	125	109
VA.....	23,737	12,569	11,168	22.6	20.1	35,074	20,407	14,867	581	108.80	318	263
WV.....	4,526	3,449	1,077	17.6	5.5	5,752	4,688	1,064	92	47.22	66	26
NC.....	22,943	13,594	9,349	22.4	15.4	32,401	20,202	12,199	536	91.15	304	232
SC.....	10,791	6,613	1,748	20.3	12.8	14,278	8,916	5,362	231	74.13	139	92
GA.....	23,931	14,183	9,748	24.7	17.0	31,992	19,266	12,706	518	94.80	301	217
FL.....	49,558	31,212	18,356	29.2	17.2	86,905	54,473	32,432	1,178	120.95	862	316
E. So. Cent.....	47,804	31,775	16,029	21.3	10.7	63,987	44,245	19,722	1,079	73.57	685	394
KY.....	10,976	7,122	3,864	19.2	10.4	15,366	10,572	4,794	263	71.72	169	94
TN.....	16,871	10,855	6,018	23.2	12.8	21,885	14,761	7,124	352	76.55	221	131
AL.....	12,575	8,725	3,850	22.0	9.7	17,908	12,615	5,293	309	79.44	191	118
MS.....	7,392	5,073	2,309	19.6	8.9	8,808	6,297	2,511	155	61.32	104	51
W. So. Cent.....	89,888	59,678	30,212	23.1	11.7	142,607	97,847	44,760	2,144	90.29	1,387	777
AR.....	6,475	4,415	2,060	19.0	9.8	8,004	5,663	2,341	133	58.17	85	48
LA.....	18,709	11,462	7,247	25.8	18.3	27,499	17,265	10,234	479	113.84	309	170
OK.....	12,257	7,970	4,287	24.2	13.0	17,238	11,393	5,845	250	82.73	163	87
TX.....	52,447	35,829	16,616	22.8	10.6	89,866	63,526	26,340	1,282	90.14	810	472
Mt.....	48,211	32,993	15,218	26.8	12.3	85,915	60,327	25,588	1,454	127.85	931	523
MT.....	2,732	1,895	834	23.2	10.2	4,290	3,038	1,252	69	87.57	48	21
ID.....	2,873	2,183	690	22.1	7.0	4,252	3,244	1,008	67	71.39	50	17
WY.....	2,367	1,810	557	35.2	10.8	4,000	3,148	652	71	152.40	52	19
CO.....	11,703	8,252	3,451	26.3	11.0	22,167	15,942	6,225	322	111.52	224	98
NM.....	6,168	3,949	2,217	28.2	15.8	9,571	6,031	3,540	164	125.55	96	68
AZ.....	13,016	8,568	4,448	28.9	15.0	24,181	16,906	7,275	453	156.84	285	168
UT.....	4,464	3,190	1,274	19.7	7.9	7,855	5,708	2,147	145	98.90	99	46
NV.....	4,890	3,143	1,747	35.3	19.6	9,598	6,310	3,289	163	203.54	77	86
Pac.....	131,653	86,973	44,680	25.9	13.3	288,064	203,304	84,760	4,691	147.52	3,028	1,663
WA.....	13,580	8,538	5,044	19.9	11.7	27,179	18,529	8,650	513	124.12	280	233
OR.....	9,201	6,114	3,087	23.0	11.6	18,297	12,223	6,074	301	114.22	200	101
CA.....	103,210	68,322	34,698	27.1	13.9	229,625	162,917	66,708	3,605	152.30	2,384	1,241
AK.....	2,046	1,289	757	26.9	15.8	6,602	4,473	2,129	174	432.31	111	63
HI.....	3,616	2,712	904	26.5	8.8	6,361	5,162	1,199	98	101.05	73	25

¹ Based on resident population as of July 1. ² Based on resident population as of April 1, 1980.

No. 300. LAWYERS—SELECTED CHARACTERISTICS: 1954 To 1980

[See headnote, table 301. See also *Historical Statistics, Colonial Times to 1970*, series H 1028-1062]

CHARACTERISTIC	1954	1957	1960	1963	1966	1970	1980			
							Total ¹	In cities with population of—		
								Less than 250,000	250,000–499,999	500,000 or more
All lawyers ²	241,514	262,320	285,933	296,069	316,656	355,242	542,205	287,806	76,021	178,377
Lawyers reporting ³	221,600	235,783	252,385	268,782	289,404	324,818	(X)	(X)	(X)	(X)
Male	216,564	229,433	245,897	261,639	281,336	315,715	498,019	268,565	69,398	160,056
Female	5,036	6,350	6,488	7,143	8,068	9,103	44,185	19,241	6,623	18,321
Status in practice: ⁴										
Government	21,279	24,245	25,621	29,314	31,280	35,803	50,490	19,652	6,833	23,985
Federal	9,040	12,458	13,045	15,113	16,284	18,710	20,132	2,300	2,148	15,684
State	3,561	4,000	4,316	6,486	7,416	9,293	30,358	17,352	4,685	8,311
City or county	8,678	7,787	8,260	7,715	7,580	7,800	10,349	12,659	2,353	4,148
Judicial	7,903	7,910	8,180	8,748	9,712	10,349	19,160	9,883	560	1,068
Federal	621	789	599	707	800	878	2,611	190,187	94,655	30,147
State and county	5,041	5,058	5,301	5,712	6,823	7,548	18,549	11,676	1,793	3,080
City	2,241	2,085	2,280	2,329	2,089	1,923				
Private practice	189,423	188,955	192,353	200,586	212,662	236,085	370,111	202,663	51,913	115,535
Individual	127,389	122,389	116,911	113,127	113,273	118,563	179,923	108,008	21,766	50,148
Partner	51,668	54,966	60,709	70,064	78,544	92,442				
Associate ⁵	10,366	11,600	14,733	17,395	20,845	24,680				
Salaried	16,648	21,054	25,198	29,510	33,222	40,486	73,862	32,045	12,088	29,729
Private industry	15,063	18,911	22,633	26,492	29,405	33,593	54,626	22,431	9,327	22,886
Educational institutions	1,351	1,504	1,798	2,100	2,717	3,732	6,806	3,657	9,998	1,951
Other private employment	234	639	887	918	1,100	3,161	12,630	5,957	1,783	4,910
Inactive or retired	6,581	7,661	10,887	12,024	14,881	16,812	28,582	20,777	2,834	4,970

X Not applicable. ¹ Detail may not add to total due to rounding. ² 1954-1970 includes lawyers not reporting and an adjustment (subtraction) for duplications; 1980 weighted to account for non-reporters and duplicate listings. ³ 1954-1970 includes duplications; 1980 figures are weighted to adjust for duplication of entries. ⁴ 1954-1970, in cases where more than 1 subentry was applicable, the individual was tabulated in each. In 1980, the 2,503 lawyers who were in both private practice and government service are coded in private practice. ⁵ Associates are lawyers employed by individual practitioners or partnerships.

Source: American Bar Foundation, Chicago, IL, 1954-1970, *The 1971 Lawyer Statistical Report*, 1971 (copyright); 1980 from *The Legal Profession in the United States: The 1980 Lawyer Statistical Report*. (Copyright.)

No. 301. LAWYERS, BY STATE: 1960 TO 1980

[Data based on 1961, 1971, and 1980 editions of *Marlindale-Hubbell Law Directory*. Represents all persons who are members of the bar, including those in industries, educational institutions, etc., and those inactive or retired]

STATE	1960 ¹	1970 ²	1980			STATE	1960 ¹	1970 ²	1980		
			Total ³	In private practice ³	Population per lawyer ⁴				Total ³	In private practice ³	Population per lawyer ⁴
U.S.	265,933	324,818	542,205	370,111	418	MO.	7,453	7,230	10,731	7,044	458
AL....	2,712	3,291	5,466	3,737	712	MT.	1,028	978	1,617	1,138	487
AK....	198	443	1,355	844	297	NE.	2,344	2,481	3,722	2,983	422
AZ....	1,681	2,618	5,657	3,818	481	NV.	440	739	1,771	1,133	452
AR....	1,778	1,969	3,188	2,186	717	NJ.	636	781	1,678	1,195	549
CA....	22,576	31,580	64,840	46,801	365	NM.	972	1,201	2,508	1,677	519
CO....	3,606	4,197	8,652	5,950	334	NY.	49,832	48,312	62,745	44,845	280
CT....	3,932	5,398	8,930	5,758	348	NC.	3,613	4,367	7,459	5,237	789
DE....	514	733	1,332	728	446	ND.	738	728	1,101	735	593
DC....	12,564	15,501	25,465	9,832	25	OH.	15,470	15,349	23,949	16,278	451
FL....	7,737	10,917	23,521	16,398	414	OK.	4,818	4,637	7,034	4,696	430
GA....	4,806	5,517	11,087	6,163	493	OR.	2,646	2,996	5,803	4,140	454
HI....	482	857	2,027	1,417	476	PA.	12,137	13,557	22,872	16,337	519
ID....	682	803	1,706	1,128	553	RI.	1,068	1,284	2,070	1,592	458
IL....	18,901	20,404	32,421	21,859	352	SC.	1,884	2,236	4,195	3,091	744
IN....	4,746	5,447	8,443	5,990	650	SD.	758	812	1,125	781	614
IO....	3,556	3,820	5,550	3,878	525	TN.	4,231	4,770	7,802	5,351	588
KS....	2,985	3,126	4,759	3,214	497	TX.	13,997	17,217	30,151	20,766	472
KY....	3,337	3,625	6,200	4,211	580	UT.	1,144	1,309	2,480	1,890	589
LA....	1,477	5,089	8,752	6,722	481	VT.	493	581	1,095	753	467
ME....	982	1,068	2,062	1,552	545	VA.	4,724	6,401	10,895	7,271	491
MD....	5,224	6,619	10,648	7,005	396	WA.	3,895	4,466	8,468	5,923	488
MA....	10,384	11,316	16,537	13,938	309	WV.	1,789	1,719	2,566	1,769	760
MI....	9,413	10,589	17,443	11,844	521	WI.	6,134	6,177	9,117	6,229	516
MN....	4,712	5,481	9,433	6,174	432	WY.	492	449	927	610	507
MS....	2,190	2,517	3,860	2,799	655						

¹ Includes lawyers not reporting. ² Represents lawyers reporting only. Includes an estimated adjustment (subtraction) to account for duplications. Based on reporting from approximately 90 percent of all lawyers. ³ Weighted to account for non-reporters and duplicate listings. ⁴ Based on Bureau of the Census estimated resident population, including Armed Forces stationed in area as of July 1, 1980.

Source: American Bar Foundation, Chicago, IL, *The 1971 Lawyer Statistical Report*, 1971 (copyright), and *The Legal Profession in the United States: The 1980 Lawyer Statistical Report*. (Copyright.)

Law Enforcement, Courts, and Prisons

No. 302. U.S. SUPREME COURT—CASES FILED AND DISPOSITION: 1970 TO 1983

[Statutory term of court begins first Monday in October. See *Historical Statistics, Colonial Times to 1970*, series H 1063–1076, for related but not comparable data]

ACTION	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total cases on docket	4,212	4,761	4,731	4,704	4,731	4,781	5,144	5,311	5,079	5,099
Appellate cases on docket										
From prior term	1,903	2,352	2,324	2,341	2,383	2,509	2,749	2,936	2,710	2,688
325	431	452	472	434	425	527	522	545	520	520
Docketed during present term	1,578	1,921	1,872	1,869	1,949	2,084	2,222	2,413	2,165	2,168
Cases acted upon										
Granted review	1,613	1,900	2,019	1,979	2,023	2,050	2,324	2,513	2,279	2,220
214	244	237	224	210	199	167	203	189	149	149
Denied, dismissed, or withdrawn	1,285	1,538	1,620	1,676	1,734	1,776	1,989	2,100	1,892	1,902
Summarily decided	114	118	162	79	79	75	90	114	113	71
Cases not acted upon	290	452	305	362	360	459	425	422	413	488
Paper cases on docket	2,289	2,395	2,398	2,349	2,331	2,249	2,371	2,354	2,352	2,394
Cases acted upon	1,802	1,997	2,083	1,960	1,996	1,838	2,027	2,039	2,013	1,992
Granted review	41	28	30	24	27	32	17	7	10	9
Denied, dismissed, or withdrawn	1,683	1,903	2,013	1,899	1,938	1,757	1,968	2,014	1,995	1,968
Summarily decided	78	66	40	37	31	49	32	12	6	10
Cases not acted upon	487	398	315	389	335	411	344	315	339	402
Original cases on docket	20	14	8	14	17	23	24	22	17	17
Cases disposed of during term	7	7	2	3	—	1	7	6	3	5
Total cases available for argument	267	280	269	260	249	238	264	318	312	269
Cases disposed of	160	181	181	185	170	160	162	192	189	189
Cases argued	151	179	176	172	168	156	154	184	183	184
Cases dismissed or remanded without argument	9	2	5	13	2	4	8	8	16	5
Cases remaining	107	99	88	75	78	78	102	126	113	80
Cases decided by signed opinion	126	160	154	153	153	143	144	170	174	174
Cases decided by per curiam opinion	22	16	22	8	8	12	8	10	6	6
Number of signed opinions	109	138	126	129	130	130	123	141	151	151

¹ Represents zero. ² Includes cases granted review and carried over to next term, not shown separately.

Source: Office of the Clerk, Supreme Court of the United States, unpublished data.

No. 303. U.S. COURTS OF APPEALS: 1965 TO 1983

[For years ending June 30. See also *Historical Statistics, Colonial Times to 1970*, series H 1079–1096]

ITEM	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Cases commenced ¹	6,766	11,682	16,858	18,408	19,118	18,918	20,219	23,200	26,382	27,946	29,630
Criminal	1,223	2,660	4,187	4,650	4,738	4,487	4,102	4,405	4,377	4,767	4,790
U.S. civil	1,387	2,167	2,981	3,327	3,622	3,928	3,983	4,654	4,940	5,517	5,820
Private civil	2,677	4,834	5,511	7,077	7,358	7,234	8,237	10,200	12,074	13,287	14,429
Administrative appeals	1,106	1,522	2,290	2,515	2,564	2,382	2,922	2,950	3,800	3,118	3,069
Cases terminated ¹	5,771	10,699	16,000	16,428	17,784	17,714	18,928	20,887	25,068	27,984	28,860
Criminal	1,014	2,581	4,005	4,288	4,554	4,461	4,320	3,993	4,192	4,522	4,777
U.S. civil	1,229	1,812	3,094	2,853	3,198	3,437	3,857	4,346	5,021	5,508	5,985
Private civil	2,183	4,387	6,252	6,248	6,680	6,813	7,175	8,942	11,327	13,115	13,710
Administrative appeals	1,004	1,407	1,909	2,359	2,510	2,256	2,602	2,643	3,303	3,549	3,280
Cases disposed of ²	3,546	6,139	9,077	9,351	11,400	8,850	9,361	10,607	12,168	12,720	13,217
Affirmed or granted	2,635	4,626	6,763	6,995	7,826	6,717	7,125	8,017	9,004	9,560	10,174
Reversed or denied	773	1,280	1,632	1,680	1,715	1,536	1,548	1,845	2,246	2,138	2,173
Other	138	233	682	676	1,859	597	688	745	918	1,022	670
Median months ³	8.0	8.2	7.4	7.1	7.0	8.0	8.1	8.9	9.3	8.8	8.6

¹ Includes original proceedings and bankruptcy appeals not shown separately. ² After hearing or submission. Beginning 1975, data not comparable with earlier years due to changes in criteria. ³ From filing of complete record to final disposition.

Source: Administrative Office of the U.S. Courts, *Annual Report of the Director*.

No. 304. U.S. DISTRICT COURTS—TRIALS: 1965 TO 1983

[For years ending June 30. A trial is defined as a contested proceeding (other than a hearing on a motion) before either court or jury in which evidence is introduced and final judgment sought. See footnote 1, table 306. See also *Historical Statistics, Colonial Times to 1970*, series H 1112–1118]

TYPE OF TRIAL	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total	11,485	16,032	19,236	19,580	18,827	18,851	18,563	19,825	21,239	21,397	21,345
Civil trials	7,613	9,449	11,603	11,656	11,605	11,515	11,764	13,191	14,697	14,753	14,689
Nonjury	4,459	6,078	7,903	8,098	7,792	8,326	8,348	9,254	10,047	10,074	9,712
Jury	3,154	3,371	3,700	3,558	3,813	3,189	3,416	3,937	4,650	4,679	4,977
Criminal trials	3,872	6,583	7,633	7,924	7,222	7,336	6,799	6,634	6,542	6,644	6,656
Nonjury	1,143	2,357	2,726	2,773	2,661	3,344	3,192	3,216	2,962	3,076	3,003
Jury	2,729	4,226	4,907	5,151	4,561	3,992	3,667	3,418	3,580	3,568	3,653

Source: Administrative Office of the U.S. Courts, *Annual Report of the Director*.

No. 305. U.S. DISTRICT COURTS—CIVIL AND CRIMINAL CASES: 1965 TO 1983

[In thousands, except percent. For years ending June 30. See also *Historical Statistics, Colonial Times to 1970*, series H 1097-1111]

ITEM	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Civil cases: Commenced.....	67.7	87.3	117.3	130.6	130.6	138.8	154.7	168.8	180.6	206.2	241.8
Cases terminated ¹	63.1	79.5	103.8	108.3	115.5	123.2	140.0	155.0	172.9	185.5	213.6
No court action.....	29.3	31.1	39.2	41.7	45.2	45.3	60.2	68.7	72.1	81.6	99.0
Court action, total.....	33.8	48.4	64.6	66.6	70.3	77.8	79.9	86.2	100.8	103.9	114.8
Before pretrial.....	17.1	29.4	40.3	41.6	43.5	48.7	49.7	53.8	61.1	67.3	75.9
Prelim.....	9.4	11.0	15.5	16.2	17.7	19.7	20.5	22.4	28.3	25.3	27.1
Trials.....	7.3	8.0	8.7	8.8	9.0	9.4	9.6	10.1	11.4	11.3	11.6
Percent reaching trial.....	11.6	10.0	8.4	8.1	7.8	7.6	6.9	6.5	6.6	6.1	5.4
Criminal cases: Commenced².....	31.6	38.1	41.1	39.1	39.8	34.6	31.5	28.0	30.4	31.6	34.7
Defendants disposed of ³	33.7	36.4	49.2	51.8	53.2	45.9	41.2	36.6	38.1	40.5	43.3
Not convicted.....	5.0	8.2	11.8	11.5	11.7	9.4	8.3	8.0	8.3	8.2	7.7
Dismissed.....	3.8	6.6	10.3	9.8	10.0	7.8	6.8	6.6	7.0	7.1	6.6
Acquited.....	1.2	1.8	1.5	1.7	1.8	1.6	1.5	1.3	1.3	1.2	1.2
Convicted.....	26.8	28.2	37.4	40.1	41.5	36.5	32.9	28.6	29.9	32.3	35.6
By guilty plea ⁴	25.9	24.1	31.8	34.0	35.3	31.1	27.3	23.1	24.3	27.4	30.5
By court or jury.....	2.8	4.1	5.6	6.1	6.1	5.4	5.6	5.5	5.5	4.9	5.1
Imprisonment.....	13.7	12.4	17.3	18.5	19.6	17.4	14.6	13.2	13.7	15.9	17.9
Probation.....	10.8	11.4	17.9	18.2	16.1	14.5	13.5	11.1	12.2	12.7	14.1
Fine and other.....	4.3	4.4	2.2	3.4	5.8	4.6	4.9	4.4	4.0	3.7	3.6

¹ Excludes land condemnation cases. ² Excludes transfers. ³ Includes DC, beginning 1975; Guam and Virgin Islands beginning 1977; Northern Mariana Islands beginning 1978; and Canal Zone, 1977 through 1982. ⁴ Includes nolo contendere.

No. 306. U.S. DISTRICT COURTS—CIVIL CASES COMMENCED AND TERMINATED: 1983

[For year ending June 30]

NATURE OF SUIT	Cases commenced	Cases terminated	No court action	Total court action	Before pretrial	Prelim	Trials, total ¹	Percent reaching trial
Total	241,842	215,356	99,607	115,749	78,408	27,283	12,058	5.6
U.S. cases²	95,803	83,811	48,898	34,913	29,523	3,353	2,037	2.4
Contract actions.....	47,052	41,663	33,909	7,754	7,082	503	169	.4
Real property actions.....	5,672	6,171	2,885	3,306	2,400	401	505	8.2
Tort actions.....	3,084	3,147	1,192	1,955	877	642	436	13.9
Actions under statutes.....	39,982	28,810	9,143	19,667	17,478	1,462	727	2.5
Private cases ³	146,039	131,645	50,709	80,836	46,886	23,930	10,021	7.8
Federal question.....	87,935	80,822	29,002	51,820	34,480	11,903	5,437	6.7
Diversity of citizenship ⁴	57,421	50,083	21,228	28,855	12,342	11,978	4,535	9.1
Contract actions.....	29,782	26,563	12,201	14,362	6,965	5,410	1,987	7.5
Tort actions.....	24,871	20,910	7,855	13,055	4,424	6,235	2,396	11.5

¹ Indicates the number of cases terminated where there was a trial. Table 314 indicates the number of civil trials that were completed. The cases themselves may not have been terminated. ² Includes prisoner petitions, land condemnations and deportations not shown separately. ³ Includes local jurisdiction cases and other actions not shown separately. ⁴ Includes real property actions not shown separately.

No. 307. U.S. DISTRICT COURTS—CRIMINAL CASES COMMENCED AND DEFENDANTS DISPOSED OF, BY NATURE OF OFFENSE: 1982 AND 1983

[For years ending June 30]

NATURE OF OFFENSE	1982		1983, cases commenced ¹	DISPOSITION OF DEFENDANTS, 1983								
	Cases commenced ¹	Defendants disposed of		Not convicted		Convicted ²			Sentenced			
				Total	Acquited	Total	Guilty plea ³	By court or jury	In-prisonment	Probation	Fine and other	
Total⁴	31,624	40,466	34,681	7,738	1,172	35,591	30,523	5,068	17,886	14,097	3,808	
General offenses:												
Homicide.....	151	172	158	36	16	117	72	45	90	8	19	
Robbery.....	1,428	1,745	1,333	169	33	1,360	1,077	283	1,269	88	3	
Assault.....	579	606	543	165	33	436	325	111	273	147	16	
Burglary.....	143	174	181	30	1	173	155	18	125	48	-	
Larceny—theft.....	2,887	3,557	3,395	663	105	3,536	3,177	359	1,622	1,788	128	
Embezzlement and fraud.....	6,780	7,976	7,661	1,338	265	7,828	6,925	903	3,054	4,565	209	
Auto theft.....	369	519	347	90	15	461	392	69	320	140	1	
Forgery, counterfeiting.....	2,128	2,280	2,322	387	51	2,365	2,138	227	1,303	1,047	9	
Sex offenses.....	135	143	140	30	10	100	77	23	80	19	-	
DAPCA ⁵	4,192	7,981	5,024	1,674	281	7,490	5,774	1,716	5,449	1,893	148	
Misc. general offenses.....	8,759	9,187	9,881	2,304	243	7,345	6,435	910	2,539	2,203	2,803	

¹ Represents zero. ² Excludes transfers. ³ Convicted and sentenced. ⁴ Includes nolo contendere. ⁵ Includes marijuanna, narcotics and controlled substances prosecutions under the Drug Abuse, Prevention and Control Act.

Source of tables 305-307: Administrative Office of the U.S. Courts, *Annual Report of the Director*.

Law Enforcement, Courts, and Prisons

No. 308. STATE COURTS OF GENERAL JURISDICTION—CASES, COURTS, AND JUDGES: 1980

(For further detail regarding volume and flow of cases through the State Court Systems, refer to Parts I and II of the publication cited below, which contain text, summary tables and individual profiles for all reported data, respectively: Illinois, Iowa, South Dakota, Idaho, and Washington, DC have a single-tier trial court which processes cases handled in both general and limited jurisdiction courts in other States.)

DIVISION AND STATE	Beginning pending (1,000)	FILED (1,000)					Disposed (1,000)	Ending pending (1,000)	COURTS		Number of judges
		Total	Civil	Crim- inal	Traffic	Juvenile			Number	Districts or courts	
New Eng.: ME.....	15.4	17.8	8.6	5.7	3.5	(X)	16.7	16.5	1	16	14
NH.....	(NA)	25.5	16.7	6.8	(X)	(X)	32.1	(NA)	1	10	15
VT.....	18.3	119.1	19.8	20.0	78.0	1.3	115.0	122.5	2	29	20
MA.....	(NA)	3,867.0	494.2	272.5	3,057.4	42.9	3,420.6	(NA)	1	69	258
RI.....	(NA)	11.6	7.2	4.4	(X)	(X)	*3.5	(NA)	1	4	19
CT.....	* 104.9	630.4	160.0	109.2	344.6	16.4	* 524.6	* 112.5	1	48	113
Middle Atl.: NY.....	* 72.9	103.2	68.2	35.0	(X)	(X)	117.0	* 60.2	2	68	367
NJ.....	99.4	106.4	80.5	25.9	(X)	(X)	107.2	98.6	1	21	215
PA.....	111.0	364.3	239.0	82.0	(X)	43.4	320.9	155.5	1	59	310
E. No. Cent.: OH.....	* 199.4	515.1	262.8	39.2	(X)	213.1	507.1	* 207.5	1	88	321
IN.....	304.9	437.7	239.9	57.7	* 113.5	26.5	406.9	335.8	2	129	181
IL.....	* 726.8	7,656.8	723.3	649.2	* 6,452.7	* 31.8	5,342.3	* 758.4	1	21	652
MI.....	547.0	598.7	203.9	89.2	* 305.5	(X)	608.4	586.9	3	54	186
WI.....	(NA)	* 392.3	219.0	66.0	94.4	* 12.9	* 358.6	(NA)	1	69	180
W. No. Cent.: MN.....	* 6.9	32.2	21.0	11.2	(X)	(X)	* 10.24.3	* 9.0	1	10	72
IA.....	11 152.0	11 528.3	195.0	116.3	161.5	5.5	* 11 530.3	11 149.1	1	8	297
MO.....	* 104.4	698.0	221.1	94.2	361.6	21.1	635.9	* 119.4	1	43	684
ND.....	* 5.3	19.5	3.1	12.0	1.3	5.7	19.9	* 5.8	1	7	24
SD.....	(NA)	168.8	34.5	* 14.16.6	* 15 117.3	5.4	143.7	(NA)	1	8	142
NE.....	* 17.5	34.3	* 18 28.0	* 17 6.3	(X)	(X)	* 18 30.2	* 17.8	1	21	47
KS.....	* 40.4	446.9	117.0	27.0	274.0	28.9	* 18 398.7	* 18 44.9	1	29	210
So. Atl.: DE.....	12.8	10.3	7.2	3.1	(X)	(X)	9.9	13.2	2	6	14
MD.....	* 117.0	149.7	86.3	39.4	(X)	23.9	150.3	* 116.4	1	29	97
DC.....	37.2	196.4	146.2	33.5	11.3	5.3	188.4	35.2	1	1	44
VA.....	123.2	139.0	78.7	60.3	(X)	(X)	129.4	132.9	1	31	111
WV.....	53.7	59.7	45.2	7.3	(X)	7.2	57.4	56.0	1	31	60
NC.....	98.8	139.4	77.6	61.8	(X)	(X)	133.0	105.2	1	32	* 66
SC.....	30.5	72.5	38.4	34.1	(X)	(X)	75.1	27.9	1	16	31
GA.....	* 136.3	* 20 181.5	* 20 115.3	* 20 48.7	* 20 17.5	(X)	* 20 162.3	* 20 136.0	1	42	109
FL.....	(NA)	522.9	275.2	126.0	(X)	121.7	463.6	(NA)	1	20	302
E. So. Cent.: KY.....	(NA)	80.8	69.2	11.6	(X)	(X)	73.7	(NA)	1	56	87
TN.....	* 19.5	128.1	93.5	31.5	3.1	(X)	113.8	133.8	4	69	115
AL.....	59.1	123.1	76.5	26.9	(X)	19.8	119.5	62.7	1	39	113
MS.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	2	40	71
W. So. Cent.: AR.....	* 21 70.3	92.9	76.5	* 22 16.5	(X)	(X)	89.0	* 21 67.6	2	40	63
LA.....	(NA)	478.2	161.9	316.3	(X)	(X)	(NA)	(NA)	1	40	163
OK.....	* 23 272.6	495.3	198.8	62.3	* 22 70.7	8.2	470.1	* 23 298.3	1	25	198
TX.....	427.2	439.8	333.9	97.0	(X)	8.9	384.3	482.7	2	310	310
Mid: MT.....	19.5	31.3	27.3	2.8	(X)	1.3	26.9	24.0	1	19	29
ID.....	54.6	321.9	* 24 53.2	32.9	227.7	8.1	317.3	* 58.2	2	14	96
WY.....	* 5.2	15.8	13.0	1.7	(X)	1.0	* 12.2	* 5.7	1	9	15
CO.....	110.6	142.0	107.6	17.5	(X)	16.9	127.0	125.7	2	29	106
NM.....	31.7	55.2	45.3	5.2	(X)	4.4	54.3	32.6	1	13	44
AZ.....	* 69.2	* 26 109.1	* 27 91.6	16.4	(X)	* 28 1.1	* 26 103.3	* 26 96.0	1	14	81
UT.....	31.6	33.4	30.6	2.8	(X)	(X)	28.0	37.4	1	7	24
NV.....	* 25.1	* 28 28.9	(X)	* 28 4.1	(X)	(X)	* 28 24.9	* 28 29.2	1	9	25
Pac: WA.....	(NA)	158.8	117.9	17.9	(X)	23.0	122.3	(NA)	1	28	117
OR.....	* 20 54.8	99.0	68.5	19.1	(X)	11.4	* 20 74.6	* 20 62.0	2	21	76
CA.....	(NA)	710.7	548.4	60.4	(X)	101.9	562.0	(NA)	1	58	705
AK.....	* 30 14.9	12.9	10.4	1.2	(X)	1.2	12.0	* 30 9.9	1	4	21
HI.....	37.9	35.7	24.8	2.5	.1	8.4	32.1	42.1	3	4	25

NA Not available. X Not applicable.

¹ Excludes sentence review only cases. ² Excludes DWI/DUI cases in the District Court Department.³ Excludes District Court Department criminal appeals to six of nine sessions, decimalized traffic complaints from the Municipal Court Department, and any cases from the Juvenile Court Department.⁴ Excludes civil cases and criminal appeals.⁵ Excludes small claims cases except those handled by the Housing Sessions.⁶ Excludes misdemeanor indictments inside New York City or felony/misdemeanor indictments outside New York City.⁷ Excludes wrongful death, adoption, birth records, minor's settlement, mental health, and name change cases. ⁸ Excludes conservation and ordinance violations, misdemeanors in nonsuburban Cook County and traffic cases. ⁹ Juvenile data were not available for the first six months of the year for all counties except Milwaukee.¹⁰ Pending figures exclude criminal and juvenile cases. Filed and disposed totals exclude juvenile cases. ¹¹ Pending figures exclude estate, juvenile, domestic relations, and preliminary hearing cases. Filed figure excludes preliminary hearing cases.¹² No data were available for cases handled by municipal judges. Pending data exclude small claims, estate, nonfelony criminal, traffic, and other civil cases handled by associate circuit judges. ¹³ Excludes other domestic relations, estate, juvenile traffic, and other juvenile cases. ¹⁴ Criminal filings exclude Class 2 misdemeanor cases. Disposed figure excludes adoption, probate, mental health, other civil, and juvenile cases.¹⁵ Traffic figure includes approximately 20 percent criminal cases. ¹⁶ No data were available for courts in two counties. Civil filed figure excludes civil appeals. ¹⁷ Criminal filed figure includes civil appeals. ¹⁸ Pending figures exclude small claims, adoption, mental health, estate, traffic, and juvenile cases. Disposed figure excludes small claims, adoption, mental health, and informal juvenile cases. ¹⁹ Eight special judges and 100 clerks also handle cases.²⁰ Excludes data from the court in Cobb County. ²¹ Pending and disposed figures exclude adoption, guardianship/conservatorship/trusteeship, other estate, and mental health cases. ²² Criminal figures include a nominal number of juvenile cases and appeals. ²³ Excludes felony postconviction appeals. ²⁴ Figure may include some juvenile appeals.²⁵ Excludes estate and juvenile cases. ²⁶ No adoption or juvenile data from Mericopa County are included. ²⁷ Excludes mental health cases. ²⁸ Data were available from the 2d District (Wasco County) only. This county contains approximately one-third of the total State population.²⁹ Excludes adoption, mental health, and juvenile cases. ³⁰ Excludes traffic or nonfelony criminal cases.Source: National Center for State Courts, Williamsburg, VA, *State Court Caseload Statistics: Annual Report 1980*.

Adults Under Correctional Supervision

181

No. 309. ADULTS UNDER CORRECTIONAL SUPERVISION, 1979 TO 1982, AND BY STATE, 1982

(In thousands, except rate. As of Dec. 31, except as noted. Excludes juveniles, persons incarcerated in mental health institutions in lieu of prison, persons held by the armed services, persons held on Indian reservations, parolees under county jurisdiction, or parolees whose sentences were for 1 year or less, and court probationers (those not placed under the supervisory authority of a probation agency). For composition of regions, see fig. 1, Inside front cover)

YEAR, REGION, DIVISION, AND STATE	Resident population ¹	PERSONS UNDER CORRECTIONAL SUPERVISION					RATE PER 10,000 ADULT RESIDENTS				
		Total	Jail ²	Prison ³	Parole ⁴	Probation ⁵	Total	Jail ²	Prison ³	Parole ⁴	Probation ⁵
1979	157,529	1,778.6	179.0	314.5	217.7	1,067.5	113	11	20	14	68
1980	162,762	1,880.4	191.0	329.8	222.0	1,137.6	115	12	20	14	70
1981	166,147	2,040.2	203.0	368.8	226.2	1,242.3	123	12	22	14	75
1982, U.S. total ⁶	168,770	2,119.4	223.6	384.7	223.9	1,287.3	131	13	25	14	79
Regions:											
Northeast	36,919	386.1	36.6	60.2	47.7	241.5	105	10	16	13	65
Midwest	42,639	398.9	39.5	78.5	41.7	239.2	94	9	18	10	58
South	56,515	897.5	89.5	180.9	90.9	586.1	159	16	32	16	95
West	32,697	426.9	57.9	85.0	49.5	270.5	134	18	20	13	82
New England	9,358	94.2	4.3	13.5	6.3	70.1	101	5	14	7	75
Maine	824	4.7	.6	1.0	.1	3.0	58	7	12	2	37
New Hampshire	697	3.7	.5	.4	.5	2.3	52	7	6	7	90
Vermont	376	4.2	-	.6	.2	3.4	113	-	16	9	50
Massachusetts	4,366	33.5	3.3	4.6	3.8	21.8	77	8	11	9	90
Rhode Island	725	7.9	-	1.0	.3	6.5	108	-	14	4	90
Connecticut	2,370	40.2	-	5.8	1.3	33.1	170	-	25	8	139
Middle Atlantic	27,561	291.9	32.3	46.7	41.4	171.5	106	12	17	15	57
New York	13,151	140.0	16.2	28.0	20.9	75.0	106	12	21	16	57
New Jersey	5,534	64.6	6.0	8.2	10.5	39.9	117	11	15	19	72
Pennsylvania	8,876	87.2	10.2	10.5	10.0	56.5	98	11	12	11	64
East North Central	30,035	287.6	30.2	60.3	33.6	163.5	96	10	20	11	54
Ohio	7,818	65.5	7.1	17.3	8.8	32.4	84	9	22	11	41
Indiana	3,926	36.5	3.6	8.8	2.7	21.4	93	9	22	7	55
Illinois	8,310	96.6	8.8	14.3	11.9	61.5	116	11	17	14	74
Michigan	6,530	57.5	7.8	15.2	7.1	27.5	88	12	23	11	42
Wisconsin	3,451	81.8	3.0	4.7	3.3	20.5	91	9	14	10	60
West North Central	12,604	111.4	9.3	18.3	8.1	75.7	88	7	14	6	72
Minnesota	2,993	26.9	2.0	2.1	1.5	21.4	90	7	5	5	50
Iowa	2,109	15.3	.8	2.8	1.1	10.8	73	4	13	5	50
Missouri	3,629	36.1	3.8	7.4	3.3	21.6	100	10	21	9	60
North Dakota	477	1.9	.2	.3	.2	1.2	39	5	7	3	24
South Dakota	490	2.9	.3	.8	.3	1.5	59	6	16	6	30
Nebraska	1,145	10.5	.8	1.7	.3	7.6	91	7	15	2	67
Kansas	1,761	17.7	1.3	3.1	1.6	11.8	101	8	17	9	67
South Atlantic	28,227	459.5	45.3	96.9	38.5	278.8	163	16	34	14	99
Delaware	443	7.3	-	2.1	.6	4.6	165	-	47	14	104
Maryland	3,154	74.2	4.6	11.0	6.0	52.6	235	15	35	19	167
District of Columbia	494	17.6	2.8	4.1	2.2	6.9	356	58	83	75	140
Virginia	4,053	36.9	5.7	10.1	6.5	14.7	91	14	25	16	36
West Virginia	1,405	6.1	1.0	1.7	.8	2.7	43	7	12	4	20
North Carolina	4,402	71.3	3.5	18.6	6.9	44.3	162	8	38	16	101
South Carolina	2,278	34.1	2.7	9.1	3.3	19.0	150	12	40	14	83
Georgia	4,011	106.5	10.2	14.4	4.9	77.0	266	25	36	12	192
Florida	7,987	105.5	14.7	27.8	6.0	57.1	132	18	35	7	71
East South Central	10,579	107.3	16.7	26.7	18.9	45.1	101	16	25	18	43
Kentucky	2,625	32.3	3.7	4.1	10.0	14.5	123	14	16	38	55
Tennessee	3,390	27.5	6.0	7.9	3.6	10.1	81	18	23	11	30
Alabama	2,812	30.3	4.5	9.2	4.2	14.2	108	16	33	8	51
Mississippi	1,752	17.2	2.5	5.5	2.9	6.3	98	14	31	17	38
West South Central	17,709	330.6	27.5	57.4	33.5	212.2	187	16	32	19	120
Arkansas	1,642	11.4	1.6	3.9	3.1	2.8	69	10	24	18	17
Louisiana	3,020	36.8	8.5	10.8	2.0	17.4	128	28	36	6	58
Oklahoma	2,296	25.5	2.2	6.4	3.2	14.7	111	10	28	9	64
Texas	10,751	254.9	15.2	38.1	26.3	177.3	237	14	34	24	165
Mountain	8,402	90.2	10.2	17.4	7.2	55.4	107	12	21	9	66
Montana	570	4.3	.4	.9	.7	2.4	76	7	16	12	42
Idaho	655	5.0	.6	1.0	.4	2.9	78	9	16	6	45
Wyoming	347	2.5	.3	.7	.2	1.3	73	10	20	7	36
Colorado	2,219	21.6	2.7	3.0	1.2	14.6	97	12	14	5	66
New Mexico	937	7.8	1.3	1.7	1.2	3.5	83	14	18	13	38
Arizona	2,049	26.4	2.9	6.1	1.5	15.9	129	14	30	7	88
Utah	974	11.7	.9	1.2	.9	8.6	120	8	12	10	85
Nevada	651	10.9	.8	2.7	1.0	6.2	167	14	42	15	85
Pacific	24,295	346.7	47.7	47.6	36.4	215.1	143	20	20	15	89
Washington	3,105	60.4	3.6	6.3	15.4	35.0	194	12	20	50	113
Oregon	1,938	23.4	2.3	3.9	1.5	15.7	121	12	20	8	81
California	18,239	252.2	41.7	34.6	18.9	156.9	138	23	19	10	86
Alaska	297	3.3	(z)	1.3	.1	1.8	110	1	44	3	61
Hawaii	716	7.6	-	1.4	.4	5.7	106	-	20	6	80

¹ Represents zero. ² Fewer than 50. ³ 18 years and over; 1979, 1981, and 1982, as of July 1; 1980, as of April 1.

² The total year-end adult jail populations are estimates; for interpolation procedures, see source. The most recently collected State data are for February 15, 1978. Includes both convicted and unconvicted adults held in locally operated jails. Connecticut, Delaware, Hawaii, Rhode Island, and Vermont had integrated jail/prison systems; the total incarcerated population appears as the prison population.

³ Includes all inmates of Federal and State institutions. Data from Bureau of Justice Statistics, *Prisoners in State and Federal Institutions*, on December 31. ⁴ Includes all adults under Federal or State parole supervision, whether released from prison via parole board decision or mandatory release, who were sentenced to more than 1 year in prison.

⁵ Includes all adults who, as part of a Federal, State, or local court order, have been placed under the supervisory authority of a probation agency. ⁶ Includes both State and Federal.

Source: National Council on Crime and Delinquency, *Parole in the United States*, annual; and *Probation in the United States*, annual.

Law Enforcement, Courts, and Prisons

No. 310. JUVENILES HELD IN CUSTODY—PUBLIC AND PRIVATE JUVENILE RESIDENTS AND FACILITIES:
1977 TO 1982

[As of December]

CHARACTERISTIC	Unit	PUBLIC CUSTODY			PRIVATE CUSTODY		
		1977	1979	1982	1977	1979	1982
Number of residents ¹	Number.....	45,820	45,396	50,799	29,977	28,717	31,473
Juvenile ²	Number.....	44,096	43,294	48,701	29,070	28,688	31,390
Male	Number.....	36,921	37,167	42,182	20,387	20,512	22,242
Female.....	Number.....	7,175	6,067	6,519	6,683	8,176	9,148
White.....	Number.....	27,963	26,053	27,805	21,917	21,654	22,377
Black.....	Number.....	14,865	13,752	18,020	6,005	5,843	7,822
Average age ³	Year.....	15.3	15.3	15.4	14.9	14.9	14.9
Number of admissions (all residents) ⁴	Number.....	614,385	568,802	536,122	67,045	69,507	88,806
Number of departures (all residents) ⁴	Number.....	622,151	560,751	528,552	61,571	64,574	84,399
Average daily residents ⁴	Number.....	48,032	47,803	50,389	29,611	28,566	31,685
Facilities, total	Number.....	992	1,015	1,023	1,800	1,561	1,877
Occupancy less than 70 percent.....	Percent.....	32	34	30	20	22	22
70-100 percent.....	Percent.....	59	56	56	78	76	76
More than 100 percent.....	Percent.....	9	10	14	2	2	2
Personnel, total ⁵	Number.....	61,060	61,108	58,654	30,918	32,821	37,411
Expenditures.....	Mil. dol.	707.7	842.5	1,148.3	384.3	465.2	719.0
Capital.....	Mil. dol.	28.4	53.3	43.3	21.0	25.9	45.5
Operating.....	Mil. dol.	678.4	789.2	1,105.0	363.3	439.3	673.5
Per capita operating cost ⁶	\$1,000.....	14.1	16.5	21.9	12.3	15.4	21.3

¹ Includes adults. ² Includes races not reported and races not shown. ³ Based on juvenile residents only. ⁴ Juvenile and adult. ⁵ 1977 and 1979, includes community volunteers; 1982, generally includes volunteers; excludes 4,600 in California, and large but unspecified numbers in Ohio and South Carolina. ⁶ Based on average daily residents.

Source: 1977 and 1978, U.S. Law Enforcement Assistance Administration, unpublished data from the 1978 Census of Juvenile Detention, Correctional and Shelter Facilities; 1982, U.S. Office of Juvenile Justice and Delinquency Prevention, *Children in Custody: Advance Report on the 1982 Census of Public Juvenile Facilities* and *Children in Custody: Advance Report on the 1982 Census of Private Juvenile Facilities*.

No. 311. CHILDREN'S CASES DISPOSED OF BY JUVENILE COURTS: 1960 TO 1981

[For definition of delinquency cases, see text, p. 164. Dependency and neglect cases are all cases referred to the court for some form of neglect or inadequate care on the part of parents or guardians. See also *Historical Statistics, Colonial Times to 1970*, series H 1119-1124]

ITEM	Unit	1960	1965	1970	1975	1978	1979	1980	1981
Population 10-17 years old ¹	1,000.....	25,368	29,536	32,614	33,960	32,276	31,643	31,171	30,725
Delinquency cases excluding traffic ²	1,000.....	510	697	1,052	1,317	1,359	1,374	1,445	1,350
Per 1,000 population 10-17 years old.....	Rate.....	20.1	23.6	32.3	38.8	42.1	43.4	46.4	44.0
Male.....	1,000.....	415	555	800	1,002	1,055	1,058	1,121	1,024
Female.....	1,000.....	93	142	252	315	304	316	324	326
Percent of total cases.....	Percent.....	19.3	20.4	24.0	23.9	22.4	23.0	22.0	24.0
Population under 18 years old ¹	1,000.....	64,516	68,699	70,810	68,314	65,982	65,335	64,908	64,405
Dependency and neglect cases ²	1,000.....	131	157	133	143	158	157	153	185
Per 1,000 population under 18 years old.....	Rate.....	2.0	2.3	1.9	2.1	2.4	2.5	2.3	2.9

¹ U.S. Bureau of the Census estimates of civilian population as of July 1, except 1960, 1970, and 1980, as of April 1. Beginning 1978, includes number of children from age 10 to the upper age of jurisdiction for each State. ² 1960 and 1965 delinquency cases based on data from a national sample of juvenile courts. Beginning 1970, data from all courts reporting provided the basis for the national estimates. ³ U.S. Bureau of the Census estimates of civilian population as of July 1, except 1960, 1970, and 1980, as of April 1.

Source: National Center for Juvenile Justice, Pittsburgh, Pa., *Juvenile Court Statistics*, annual.

No. 312. JAILS—SUMMARY: 1978 AND 1983

[As of February. Excludes Federal and State prisons or other correctional institutions; institutions exclusively for juveniles; State-operated jails in Connecticut, Delaware, Hawaii, Rhode Island, and Vermont; and other facilities which retain persons for less than 48 hours. For composition of regions, see fig. I, Inside front cover]

CHARACTERISTIC	United States	North-east	Midwest	South	West
1978: Jails	3,493	207	1,042	1,878	566
With less than 50 inmates.....	2,844	109	933	1,380	422
With 50-249 inmates.....	519	75	89	249	106
With 250 or more inmates.....	130	23	20	49	38
With inmates being held for other authorities because of overcrowding.....	630	42	98	439	51
Number of inmates	158,394	24,228	28,452	67,444	38,270
1983: Jails	3,338	223	972	1,607	536
Number of inmates, total.....	223,551	36,634	39,538	89,479	57,900
Male.....	207,782	34,615	37,000	83,696	52,471
Female.....	15,789	2,019	2,538	5,783	5,429
Adults.....	221,815	36,315	39,200	88,639	57,661
Juveniles.....	1,736	319	338	840	239

Source: U.S. Law Enforcement Assistance Administration, *Census of Jails and Survey of Jail Inmates, 1978*; and unpublished data.

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NO. 313. JAIL INMATES—SELECTED CHARACTERISTICS: 1978

[See headnote, table 312]

CHARACTERISTIC	Total ¹	White	Black	CHARACTERISTIC	Total ¹	White	Black
Total inmates²	158,394	89,418	65,104	Type of offense:			
Male	148,839	84,752	60,474	Violent	46,944	20,163	25,546
Female	9,555	4,666	4,630	Property	65,455	38,496	25,670
Median age (years)	25.3	25.0	25.6	Drug	13,588	8,680	4,726
Educational attainment:				Public order	90,088	20,597	8,363
Less than 12 years	96,265	53,084	40,923	Legal representation:			
12 years or more	61,943	36,163	24,165	With counsel	51,572	27,318	23,345
Median	10.2	10.2	10.2	Without counsel	14,443	8,879	5,052
Prearrest employment status:				Detention status:			
Employed	89,526	51,193	36,195	Unconvicted inmates	66,936	36,677	28,799
Not employed	68,101	37,858	28,555	Bail status:			
With prearrest income	147,736	83,622	60,592	Set	54,304	29,305	23,881
Median income (dollars)	3,714	4,184	2,986	Not set	11,607	8,848	4,441
Without prearrest income	10,659	5,796	4,512	Convicted inmates	91,411	52,698	36,300
Military service:				Method of conviction:			
Served	39,861	26,696	12,120	Pleaded guilty	70,045	42,538	25,682
Never served	118,486	62,716	52,942	Judged guilty	20,075	9,668	9,916

¹ Includes races other than White and Black. ² Detail may not add to total because some items are unavailable or unknown.
Source: U.S. Bureau of Justice Statistics, *Profile of Jail Inmates: Sociodemographic Findings from the 1978 Survey of Inmates of Local Jails*, October 1980.

NO. 314. STATE CORRECTIONAL FACILITIES—CHARACTERISTICS, BY TYPE OF INSTITUTION: 1979

[In thousands, except as indicated. A unit was designated as overcrowded if it was smaller than 60 square feet or if it provided less than 60 square feet of floor space per inmate]

CHARACTERISTIC	Total	Confinement	Community-based	CHARACTERISTIC	Total	Confinement	Community-based
All facilities (number)	791	568	223	Full-time staff	944	91.1	3.3
Inmates ¹	274,6	263,6	11.0	Part-time staff	2.7	2.5	
Maximum security	109.7	109.7	—	One-person units	129.5	128.3	1.2
Medium security	98.2	98.2	—	Percent overcrowded	58	58	8
Minimum security	62.2	51.2	11.0	Multiple-person units	13.3	12.9	.5
Permitted to depart each day ²	13.6	4.2	9.4	Percent overcrowded	69	90	75
On study release	.9	.4	.5	Dormitories	10.9	6.3	2.7
On work release	12.0	3.4	8.6	Percent overcrowded	18	20	11

— Represents zero. ¹ Includes others, not shown separately and not classified. ² Unaccompanied.

Source: U.S. Bureau of Justice Statistics, *1979 State Correctional Facilities Census*.

NO. 315. FEDERAL AND STATE PAROLE POPULATION: 1976 TO 1982

[As of Dec. 31, 1982 data are preliminary]

ITEM	1976	1977	1978	1979	1980	1981	1982 ¹
Parole population	166,100	198,000	199,600	217,700	222,000	225,600	243,900
Entries to parole	95,400	109,000	109,800	119,600	125,400	126,300	142,700
Removals from parole	92,400	95,300	109,700	99,800	117,300	122,200	124,400

Source: U.S. Bureau of Justice Statistics, *Parole in the United States*, annual; and *Probation and Parole 1982*, September 1983.

NO. 316. FEDERAL AND STATE PRISONERS: 1950 TO 1983

[Prior to 1970, excludes State institutions in Alaska and for 1950, those in Hawaii. Beginning 1977, includes all persons under jurisdiction of Federal and State authorities rather than those in the custody of such authorities, as was the case prior to 1979. Represents inmates sentenced to maximum term of more than a year. See also *Historical Statistics, Colonial Times to 1970*, series H 1135-1140.]

YEAR	PRESENT AT END OF YEAR						RECEIVED FROM COURTS					
	All Institutions		Federal		State		All Institutions		Federal		State	
	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹
1950	166,123	110.3	17,134	11.4	148,989	98.9	59,473	46.1	14,237	9.5	55,238	36.7
1960	212,953	118.6	23,218	12.9	189,735	105.7	88,575	49.3	13,723	7.6	74,852	41.7
1965	210,895	109.5	21,040	10.9	189,855	98.6	87,505	45.4	12,781	6.6	74,724	38.8
1970	196,428	96.7	20,038	9.8	176,391	86.8	79,351	39.1	12,047	5.9	67,304	33.1
1975	240,593	113.3	24,131	11.4	216,462	102.0	129,573	61.0	16,770	7.9	112,803	53.1
1980	315,974	189.2	20,611	9.1	295,363	130.1	142,122	62.7	10,807	4.8	131,215	57.8
1982	395,516	170.6	23,852	10.2	371,864	160.4	177,109	76.1	12,461	5.4	164,648	70.7
1983	417,721	178.5	26,331	11.2	393,390	168.1	187,408	80.1	14,119	6.0	173,289	74.1

¹ Rate per 100,000 estimated population.

Source: U.S. Bureau of Justice Statistics; *Prisoners in State and Federal Institutions* on December 31, annual.

Law Enforcement, Courts, and Prisons

NO. 317. PRISONERS UNDER JURISDICTION OF STATE AND FEDERAL CORRECTIONAL AUTHORITIES—
SUMMARY, BY STATE: 1980 TO 1983

[For years ending Dec. 31, except as noted]

SEX, REGION, AND DIVISION	1980, total	1982, total	1983			SENTENCED TO MORE THAN ONE YEAR			1983 Rate per 100,000 population ³	
			Total prison- ers	Highest reported capacity	Prison- ers as percent of capa- city ¹	Early re- leases ²	1980	1982		
							1980	1982		
U.S.	329,821	414,362	438,830	421,187	110	21,420	315,974	395,948	419,820	179
Male	316,401	396,439	419,811	(NA)	(NA)	(NA)	303,643	379,374	402,391	352
Female	13,420	17,923	19,826	(NA)	(NA)	(NA)	12,331	16,574	17,429	14
Federal institutions ⁴	24,363	29,673	31,926	30,281	118	(NA)	20,611	23,652	26,331	11
State institutions	305,458	384,689	406,904	390,896	110	21,420	295,363	372,296	393,489	167
Region:										
Northeast	45,796	60,203	65,680	61,886	112	(NA)	43,165	57,181	63,076	127
Midwest	66,211	78,549	81,640	76,163	111	8,539	64,494	77,353	79,624	135
South	146,358	180,946	186,373	184,463	104	11,665	142,650	175,145	180,348	225
West	47,093	64,991	73,211	68,384	122	1,216	45,054	62,617	70,441	152
N. Eng.	9,925	13,539	13,215	12,330	118	(NA)	7,850	10,778	10,720	86
ME	814	999	1,049	854	114	(NA)	671	781	658	75
NH	326	445	479	* 490	* 107	—	326	445	479	50
VT	480	599	497	586	93	—	342	435	378	72
MA ⁵	3,185	4,623	4,559	3,338	141	—	3,150	4,527	4,558	79
RI ⁶	813	1,037	1,157	1,248	98	—	611	781	878	92
CT ⁶	4,308	5,836	5,474	5,813	112	—	2,750	3,809	3,577	114
Mid. Atl.	35,870	46,664	52,465	49,556	111	—	35,315	46,403	52,347	141
NY	21,815	27,051	30,489	31,182	107	—	21,639	27,951	30,489	172
NJ	5,884	8,191	10,209	8,857	111	—	5,564	7,990	10,159	136
PA	8,171	10,522	11,767	9,517	124	—	8,112	10,462	11,899	98
E. No. Cent.	51,175	60,294	62,001	55,193	116	8,539	49,598	59,455	60,425	146
OH	13,499	17,317	17,766	16,417	108	—	13,489	17,317	16,886	155
IN	6,683	8,780	9,360	6,424	146	—	6,281	8,295	8,973	164
IL	11,899	14,293	15,995	15,318	115	2,851	10,724	13,849	15,522	135
MI	15,124	15,224	14,382	13,048	110	4,290	15,124	15,224	14,382	159
WI	3,980	4,670	4,988	* 3,986	* 123	* 297	3,980	4,670	* 4,862	* 102
W. No. Cent.	15,036	18,255	19,639	20,970	99	(NA)	14,896	17,898	19,199	110
MN	2,001	2,081	2,156	2,405	90	—	2,001	2,081	2,156	52
IA ¹⁰	2,481	2,829	2,814	2,816	105	—	2,479	2,709	2,676	92
MO	5,726	7,445	8,053	8,855	91	—	5,726	7,445	8,053	162
ND	253	322	410	471	87	(NA)	185	276	350	51
SD	635	791	824	996	107	—	609	755	807	115
NE	1,446	1,709	1,677	1,541	122	—	1,402	1,554	1,452	91
KS	2,494	3,078	3,705	3,886	119	—	2,494	3,078	3,705	152
So. Atl.	78,815	98,924	97,520	97,053	107	4,250	75,391	91,904	92,222	236
DE ⁶	1,474	2,062	2,190	2,045	107	245	1,087	1,507	1,659	273
MD	7,731	11,012	12,606	12,416	123	—	7,731	10,427	11,968	277
DC ⁶	3,145	4,081	4,344	* 3,355	* 123	(NA)	2,719	3,351	3,465	558
VA ¹¹	8,820	10,678	10,093	9,544	105	(NA)	8,681	9,715	9,655	177
WV	1,257	1,729	1,528	* 1,539	* 105	—	1,237	1,729	1,629	83
NC	15,513	16,578	15,395	16,261	95	(NA)	14,456	15,358	14,257	233
SC	7,862	9,137	9,563	7,630	129	57	7,427	8,629	9,078	276
GA	12,178	14,416	15,347	15,534	99	1,530	11,922	14,049	14,929	259
FL	20,735	27,830	26,334	28,729	110	2,418	20,211	27,139	25,385	235
E. So. Cent.	21,055	26,663	28,948	25,076	111	297	20,771	25,866	26,828	191
KY ⁶	3,588	4,077	4,738	4,754	95	(NA)	3,588	4,077	4,738	127
TN	7,022	7,669	8,768	7,982	122	259	7,022	7,869	8,768	187
AL	6,543	9,233	9,858	7,783	114	—	6,368	8,581	9,641	243
MS	3,902	5,484	5,586	4,557	101	38	3,793	5,359	5,481	211
W. So. Cent.	46,488	57,359	59,905	62,334	98	7,118	46,488	57,355	59,498	228
AR	2,911	3,925	4,183	4,184	100	—	2,911	3,921	4,167	179
LA	8,889	10,935	12,976	10,699	100	—	8,889	10,935	12,976	290
OK	4,798	6,350	7,487	7,666	123	(NA)	4,796	6,350	7,096	212
TX ¹⁰	29,892	36,149	35,259	39,785	91	7,113	29,892	36,149	35,259	221
Mt.	13,141	17,420	19,804	17,915	112	338	13,024	17,111	19,394	155
MT	739	814	850	767	130	9	739	914	850	104
ID	817	1,047	1,208	896	134	—	817	1,047	1,205	121
WY	684	702	721	701	115	(NA)	534	702	721	138
CO	2,629	3,042	3,450	3,049	106	—	2,609	3,042	3,450	109
NM	1,279	1,718	2,013	1,950	103	—	1,199	1,447	2,013	142
AZ	4,372	6,069	6,889	6,021	114	188	4,360	6,048	6,693	223
UT	932	1,216	1,275	1,346	105	139	928	1,199	1,262	77
NV	1,839	2,712	3,200	3,185	113	—	1,839	2,712	3,200	354
Pac.	33,952	47,571	53,607	50,469	128	880	32,030	45,506	51,047	158
WA	4,399	6,322	6,701	6,172	129	847	4,399	6,322	6,701	155
OR	3,177	3,867	4,181	3,494	150	—	3,172	3,867	4,181	157
CA ¹⁰	24,569	34,640	39,360	37,986	124	(NA)	23,264	33,583	38,025	150
AK ⁶	822	1,308	1,634	1,429	130	33	571	856	1,075	219
HI ⁶	985	1,436	1,731	1,398	155	—	624	878	1,065	103

- Represents zero. NA Not available. ¹ Average of highest and lowest capacity reported. Excludes persons housed in local jails. ² Number of prisoners released because of overcrowding. ³ Unpublished Bureau of the Census estimates as of Dec. 31, 1983 for the resident population were used to calculate rates. ⁴ Includes persons held under jurisdiction of the Immigration and Naturalization Service (1,203 in 1982 and 1,134 in 1983). ⁵ Males only. ⁶ Includes both jail and prison inmates (State has combined jail and prison system). ⁷ Massachusetts cannot distinguish inmates by sentence length for 1983; therefore, rate based on total inmates. Yearend 1983 data are for December 30, 1983. ⁸ Excludes State prisoners held in local jails because of overcrowding. ⁹ Yearend January 19, 1984. ¹⁰ Excludes inmates under State jurisdiction but not in State custody; excludes adult inmates under jurisdiction of the California Youth Authority. ¹¹ Yearend 1983 data are for January 1, 1984.

Prisoners Released—Death Sentences

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No. 318. AVERAGE TIME SERVED BY PRISONERS RELEASED FROM FEDERAL INSTITUTIONS FOR FIRST TIME: 1965 TO 1983

[For years ending June 30; except beginning 1977, years ending September 30. In computing averages, sentences to life and more than 45 years were counted as 45 years; minority sentences of juvenile delinquents were counted from date of sentence to 21st birthday]

YEAR AND OFFENSE	ALL FIRST RELEASES ¹			PAROLE ²			EXPIRATION OF SENTENCE ^{1,2}			YCA ³ RELEASES		
	Number	Average time (mo.)		Number	Average time (mo.)		Number	Average time (mo.)		Number	Avg. time served (mo.)	
		Sentence	Served		Sentence	Served		Sentence	Served			
1965, all offenses.....	12,100	32.6	19.9	3,394	42.6	18.3	8,706	28.7	20.5	1,226	21.6	
1970, all offenses.....	8,487	38.6	19.7	2,754	55.0	20.0	5,733	30.7	19.6	947	21.7	
1975, all offenses.....	11,313	39.8	18.5	4,367	73.7	27.8	6,946	18.5	12.8	1,136	21.6	
1976, all offenses.....	10,483	32.3	15.1	3,114	74.3	26.9	7,349	14.4	10.1	958	18.7	
1977, all offenses.....	10,953	30.7	15.5	2,688	70.8	26.5	8,265	17.7	12.0	1,038	21.9	
1978, all offenses.....	12,132	37.2	18.7	3,318	78.5	30.0	8,814	21.6	14.4	1,172	24.7	
1979, all offenses.....	10,925	44.1	21.0	3,766	85.1	32.6	7,158	22.4	14.9	1,008	25.3	
1980, all offenses.....	9,069	33.9	15.9	2,440	83.8	31.0	6,829	15.5	10.3	468	24.5	
1981, all offenses.....	9,884	41.0	17.9	3,495	83.9	30.2	6,389	17.8	11.1	650	25.0	
1982, all offenses.....	11,348	36.6	16.3	3,554	81.7	29.1	7,794	18.0	10.5	593	21.8	
1983, all offenses ⁴	11,896	35.4	15.9	4,263	69.8	27.0	7,633	16.3	9.7	545	20.0	
Counterfeiting.....	254	33.1	14.8	125	45.7	18.7	129	20.9	11.0	16	16.5	
Drug laws.....	2,859	43.8	19.4	1,449	61.5	24.8	1,410	25.5	14.0	119	15.8	
Embezzlement.....	294	18.6	9.6	105	34.4	15.5	189	9.9	6.4	19	9.6	
Escape, flight, or harboring a fugitive.....	108	29.7	20.2	36	43.8	21.4	72	22.6	19.5	1	12.0	
Firearms.....	560	31.0	16.9	234	44.8	21.1	326	21.1	13.9	18	20.3	
Forgery.....	351	31.7	15.1	160	47.7	19.3	191	18.3	11.5	23	15.0	
Fraud.....	887	20.9	11.9	296	37.3	19.8	591	12.7	7.9	15	7.2	
Immigration.....	2,921	6.3	4.1	165	32.9	14.1	2,756	4.8	3.5	19	11.4	
Income tax.....	252	14.1	7.7	62	30.7	13.3	190	8.6	5.8	-	-	
Juvenile delinquency.....	2	9.0	6.5	-	-	-	2	9.0	6.5	-	-	
Kidnapping.....	34	218.9	69.7	25	270.2	79.6	9	76.6	42.3	-	-	
Larceny-theft.....	1,354	31.0	15.6	581	48.0	20.4	773	19.6	12.0	111	17.6	
Motor vehicle, interstate.....	222	37.2	18.9	111	49.6	22.3	111	24.9	15.6	17	28.2	
Liquor laws.....	9	14.0	9.0	3	26.0	11.3	6	8.0	7.8	-	-	
Robbery.....	697	142.9	51.6	502	164.8	55.0	195	86.8	43.0	111	28.2	
Securities, transporting false.....	25	52.7	26.4	13	76.4	35.6	12	27.0	16.5	-	-	
White slave traffic.....	10	72.1	32.9	6	95.1	38.1	4	37.5	25.0	-	-	
Military court-martial cases.....	16	70.8	32.4	7	140.5	61.5	9	16.6	9.7	67	28.0	
Govt. reservation, high seas, territories, and DC.....	436	65.2	26.1	185	117.5	40.6	251	26.7	15.5	-	-	

¹ Represents zero. ² Excludes prisoners sentenced under Youth Corrections Act. ³ Includes mandatory release.

⁴ Youth Corrections Act. ⁴ Includes other offenses not shown separately. Excludes 575 first releases (escapes, pardons, etc.) other than by parole, expiration of sentence, and mandatory release; also excludes 390 second or subsequent releases.

Source: U.S. Bureau of Prisons, *Statistical Report*, annual.

No. 319. PRISONERS UNDER SENTENCE OF DEATH: 1975 TO 1983

[As of December 31. Excludes prisoners under sentence of death who remained within local correctional systems pending exhaustion of appellate process or who had not been committed to prison. These data may not match data in table 320 because of revisions to totals but not to characteristics.]

CHARACTERISTIC	1975	1980	1981	1982	1983	CHARACTERISTIC	1975	1980	1981	1982	1983
Total.....	479	714	838	1,050	1,202	Marital status:					
White.....	214	427	488	604	660	Never married.....	217	268	327	413	484
Black and other.....	265	287	350	446	512	Married.....	167	229	259	317	368
Under 20 years.....	43	11	15	18	12	Divorced.....	95	217	252	320	350
20-24 years.....	139	173	171	195	217	Time elapsed since sentencing:					
25-34 years.....	204	334	415	531	597	6 months or less.....	166	185	227	264	251
35-54 years.....	83	186	224	294	359	7-12 months.....	130	130	130	130	130
55 years and over.....	10	10	13	12	17	13-47 months.....	155	389	416	525	622
Completed school:						48-71 months.....	13	102	110	160	186
7 years or less.....	71	68	74	81	99	72 months and over.....	15	38	85	111	143
8 years.....	50	74	83	105	123	Legal status at arrest:					
9-11 years.....	167	204	247	318	358	Not under sentence.....	293	384	433	556	605
12 years.....	93	162	199	258	319	Parole or probation.....	51	115	147	182	225
More than 12 years.....	21	43	57	78	88	Prison or escaped.....	27	45	46	53	58
Unknown.....	77	163	178	210	215	Unknown.....	108	170	212	259	314

¹ Includes persons married but separated, widows, widowers, and unknown.

Source: 1975, U.S. Law Enforcement Assistance Administration; thereafter, U.S. Bureau of Justice Statistics, *Capital Punishment*, annual.

Law Enforcement, Courts, and Prisons

No. 320. MOVEMENT OF PRISONERS UNDER SENTENCE OF DEATH: 1970 TO 1983

[Prisoners reported under sentence of death by civil authorities. The term "under sentence of death" begins when the court pronounces the first sentence of death for a capital offense. As a result of a major procedural change, beginning 1976, all data except executions are not strictly comparable to corresponding data for earlier years. See source for explanation.]

STATUS	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Under sentence of death, Jan. 1	575	244	488	420	423	482	593	691	856	1,063
Received death sentence ¹	193	322	249	159	200	172	198	245	264	252
White	66	145	144	82	123	104	122	130	151	151
Black	66	174	105	75	84	66	75	111	109	89
Dispositions other than executions	77	78	317	155	150	59	100	79	68	108
Executions	-	-	-	1	-	2	-	1	2	5
Under sentence of death, Dec. 31 ¹	631	488	420	423	482	593	691	856	1,050	1,202
White	293	218	225	229	281	354	422	497	604	690
Black	335	262	195	192	197	236	265	351	434	500

- Represents zero. ¹ Includes persons other than White or Black.

No. 321. PRISONERS EXECUTED UNDER CIVIL AUTHORITY: 1930 TO 1983

[Excludes executions by military authorities. The Army (including the Air Force) carried out 160 (148 between 1942 and 1950, 3 each in 1954, 1955, and 1957, and 1 each in 1958, 1959, and 1961). Of the total, 106 were executed for murder (including 21 involving rape), 53 for rape, and 1 for desertion. The Navy carried out no executions during the period. See also *Historical Statistics, Colonial Times to 1970*, series H 1155-1167.]

YEAR OR PERIOD	Total ¹	White	Black	EXECUTED FOR MURDER			EXECUTED FOR RAPE			OTHER OFFENSES ²		
				Total ¹	White	Black	Total ¹	White	Black	Total ¹	White	Black
All years	3,870	1,760	2,068	3,345	1,673	1,632	455	48	406	70	39	31
1930-1939	1,657	827	816	1,514	803	687	125	10	115	28	14	14
1940-1949	1,284	490	781	1,064	458	595	200	19	178	20	13	7
1950-1959	717	336	376	601	316	280	102	13	89	14	7	7
1960-1964	181	90	91	145	79	66	28	6	22	8	5	3
1965-1967	10	8	2	10	8	2	-	-	-	-	-	-
1968-1976	-	-	-	-	-	-	-	-	-	-	-	-
1977-1982 ³	6	5	1	6	5	1	-	-	-	-	-	-
1983	5	4	1	5	4	1	-	-	-	-	-	-

- Represents zero. ¹ Includes races other than White or Black. ² 25 armed robbery, 20 kidnapping, 11 burglary, 8 espionage (5 in 1942, and 2 in 1953), and 6 aggravated assault. ³ See footnotes 1 and 2, table 322.

No. 322. PRISONERS UNDER SENTENCE OF DEATH AND EXECUTED UNDER CIVIL AUTHORITY—STATES: 1940 TO 1983

[No executions took place in Maine, Michigan, Minnesota, New Hampshire, North Dakota, Rhode Island, or Wisconsin from 1940 to 1981. At no time during this period was the death penalty authorized in Maine, Minnesota, and Wisconsin; it was abolished in Michigan in 1963 and lapsed in North Dakota in 1975 through statutory expiration; in the remaining two States, New Hampshire and Rhode Island, the death penalty was authorized during most of the period. Alaska and Hawaii are included in these data only after attaining statehood in 1959. Since 1959, neither State has authorized the death penalty.]

STATE	1940 to 1949	1950 to 1959	1960 to 1969	1970 to 1979 ¹	1980 to 1983 ²	STATE	1940 to 1949	1950 to 1959	1960 to 1969	1970 to 1979 ¹	1980 to 1983 ²	STATE	1940 to 1949	1950 to 1959	1960 to 1969	1970 to 1979 ¹	1980 to 1983 ²
Total ³	1,284	717	191	3	8	IA	7	1	2	-	-	OH	51	32	7	-	-
AL	50	20	5	-	1	KS	5	5	5	-	-	OK	13	7	6	-	-
AZ	3	8	4	-	-	KY	34	16	1	-	-	OR	12	4	1	-	-
AR	38	16	9	-	-	LA	47	27	1	-	-	PA	36	31	3	-	-
CA	80	74	30	-	-	MD	45	6	1	-	-	SC	61	26	9	-	-
CO	13	3	6	-	-	MA	9	-	-	-	-	SD	1	-	-	-	-
CT	10	5	1	-	-	MS	60	36	10	-	-	TN	37	8	1	-	-
DE	4	-	-	-	-	MO	15	7	4	-	-	TX	74	74	29	-	1
DC	16	4	-	-	-	MT	1	-	-	-	-	UT	4	6	1	1	-
FL	65	49	12	1	-	NE	2	2	-	-	-	VT	1	2	-	-	-
GA	130	85	14	-	1	NJ	14	17	3	-	-	VA	35	23	6	-	1
ID	-	3	-	-	-	NM	2	3	1	-	-	WA	16	6	2	-	-
IL	18	9	2	-	-	NY	114	52	10	-	-	WV	11	9	-	-	-
IN	7	2	1	-	1	NC	112	19	1	-	-	WY	2	-	1	-	-

- Represents zero. ¹ One execution in 1977, none in 1978, and two in 1979. ² No executions in 1980, one in 1981, two in 1982, and five in 1983.

³ Includes 23 Federal executions not shown by State (1940-1949, 13; 1950-1959, 9; and 1960-1969, 1).

Source of tables 320-322: Through 1978, U.S. Law Enforcement Assistance Administration; thereafter, U.S. Bureau of Justice Statistics, *Capital Punishment*, annual.

NO. 323. FIRE LOSSES—TOTAL AND PER CAPITA: 1946 TO 1982

[Prior to 1962, excludes Alaska and Hawaii. Includes allowance for uninsured and unreported losses but excludes losses to government property and forests. Based on paid losses through 1953, incurred losses thereafter]

YEARLY AVERAGE	Total (mil. dol.)	YEAR	Total (mil. dol.)	Per capita ¹	YEAR	Total (mil. dol.)	Per capita ¹	YEAR	Total (mil. dol.)	Per capita ¹
1946-1950.....	643	1950.....	1,108	\$6.19	1967.....	1,707	\$8.66	1975.....	3,190	\$14.81
1951-1955.....	833	1951.....	1,209	8.64	1968.....	1,830	9.20	1976.....	3,558	16.35
1956-1960.....	1,045	1962.....	1,285	6.80	1969.....	1,952	9.71	1977.....	3,764	17.13
1961-1965.....	1,340	1963.....	1,406	7.48	1970.....	2,328	11.41	1978.....	4,008	18.05
1966-1970.....	1,850	1964.....	1,367	7.16	1971.....	2,316	11.20	1979.....	4,851	21.60
1971-1975.....	2,802	1965.....	1,456	7.51	1972.....	2,304	11.01	1980.....	5,579	24.56
1976-1980.....	4,358	1966.....	1,497	7.64	1973.....	2,639	12.49	1981.....	5,625	24.53
					1974.....	3,190	14.95	1982.....	5,894	25.46

¹Based on Bureau of the Census estimated resident population as of July 1.

Source: 1946-1964, National Board of Fire Underwriters, New York, NY, *Report of the Committee on Statistics and Origin of Losses*; thereafter, Insurance Information Institute, New York, NY, *Insurance Facts*, annual.

NO. 324. FIRES—NUMBER AND LOSS, BY TYPE AND PROPERTY USE: 1978 TO 1982

[Based on annual sample survey of fire departments. No adjustments were made for unreported fires and losses. Property loss includes direct property loss only]

TYPE AND PROPERTY USE	NUMBER (1,000)					PROPERTY LOSS (mil. dol.)				
	1978	1979	1980	1981	1982	1978	1979	1980	1981	1982
Fires, total.....	2,818	2,846	2,988	2,893	2,538	4,498	5,750	8,254	6,676	6,432
Structure.....	1,062	1,037	1,085	1,027	946	4,022	4,964	5,454	5,976	5,731
Outside of structure.....	110	80	87	81	54	32	38	61	61	52
Brush and rubbish.....	879	956	1,115	1,052	832	-	-	-	-	-
Vehicle.....	503	496	472	466	443	391	682	685	594	591
Other.....	264	277	249	267	263	53	66	54	45	58
Structure by property use:										
Public assembly.....	30	31	29	28	28	194	284	326	356	381
Educational.....	20	22	20	20	17	111	79	101	184	161
Institutional.....	39	30	28	27	29	14	34	25	38	17
Stores and offices.....	63	64	62	65	56	475	457	645	642	510
Residential.....	730	722	758	733	676	2,192	2,529	3,042	3,259	3,253
1-2 family units ²	569	551	591	574	558	1,784	2,094	2,447	2,713	2,794
Apartments.....	137	146	143	137	117	310	343	401	415	353
Hotels and motels.....	12	11	12	12	10	82	100	154	99	54
Other residential.....	12	14	12	10	11	16	52	40	32	22
Storage ³	12	14	12	10	11	-	-	-	-	-
Industry, utility, defense ³	60	64	65	62	54	342	507	512	616	584
Special structures.....	55	58	55	49	42	594	966	672	775	663
	65	46	48	43	44	100	108	131	106	152

- Represents zero. ¹Includes outside storage, crops, timber, etc. ²Includes mobile homes. ³Data underreported as some incidents were handled by private fire brigades or fixed suppression systems which do not report.

Source: National Fire Protection Association, Quincy, MA, *Survey of Fire Departments for U.S. Fire Experience (1978-82)*.

No. 325. FIRES AND PROPERTY LOSS FOR INCENDIARY AND SUSPICIOUS FIRES; AND CIVILIAN FIRE DEATHS AND INJURIES BY SELECTED PROPERTY TYPE: 1979 TO 1982

[Based on sample survey of fire departments]

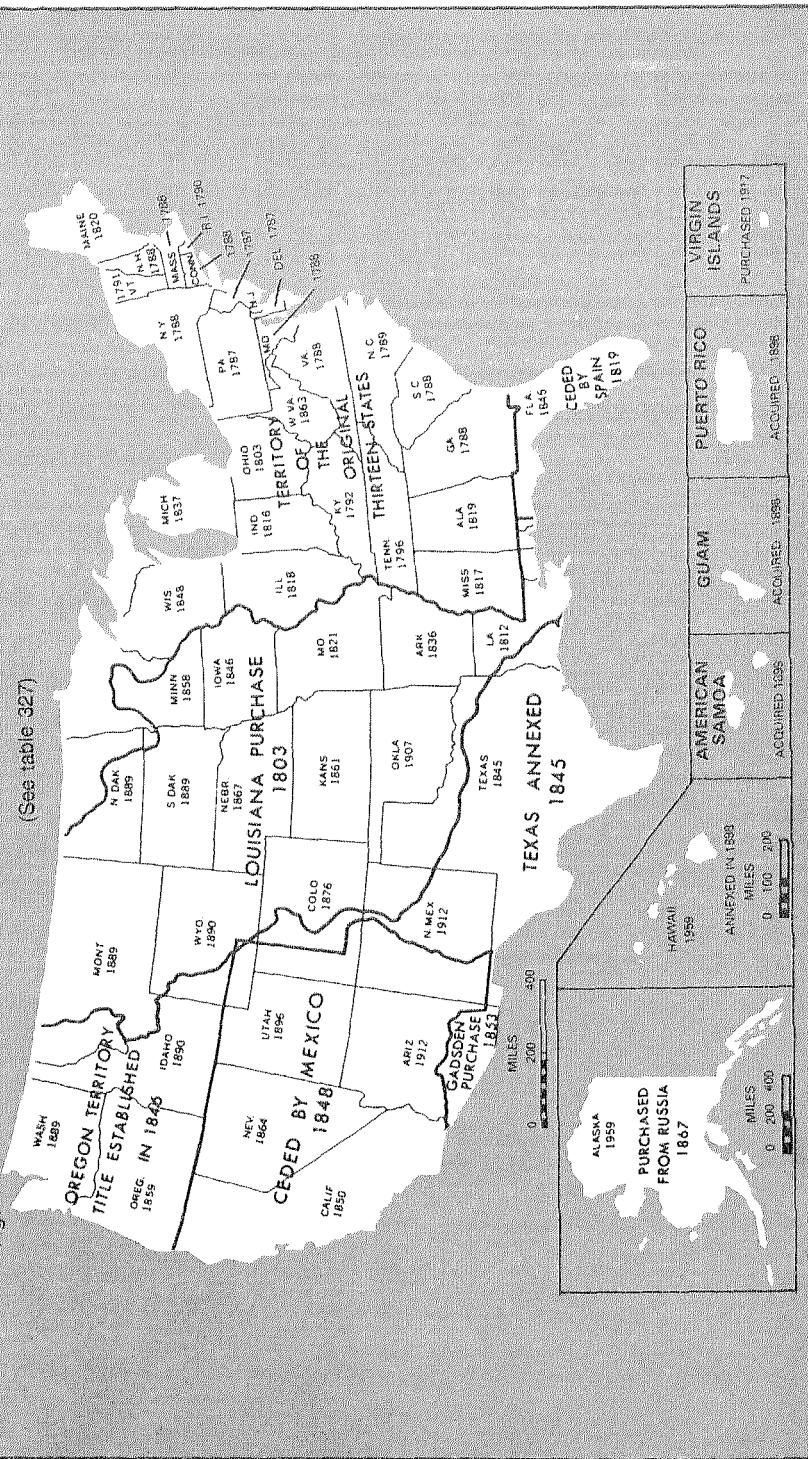
ITEM	1979	1980	1981	1982	ITEM	1979	1980	1981	1982
NUMBER (1,000)									
Structure fires, total.....	1,037	1,065	1,027	946	CIVILIAN FIRE DEATHS				
Structure fires of incendiary or suspicious origin.....	149	146	155	129	Deaths, total ²	7,780	6,505	6,700	6,020
Fires of incendiary origin.....	89	92	88	77	Residential property.....	5,785	5,446	5,540	4,940
Fires of suspicious origin.....	60	54	67	52	One- and two-family dwellings.....	4,320	4,175	4,430	3,960
PROPERTY LOSS ¹ (mil. dol.)					Apartments.....	1,180	1,025	970	860
Structure fires, total.....	4,964	5,454	5,976	5,731	Vehicles.....	1,535	740	840	895
Structure fires of incendiary or suspicious origin.....	1,328	1,780	1,658	1,604	CIVILIAN FIRE INJURIES				
Fires of incendiary origin.....	787	1,158	1,142	1,088	Injuries, total ²	31,325	30,200	30,700	30,525
Fires of suspicious origin.....	541	602	516	516	Residential property.....	20,450	21,000	20,625	21,100
					One- and two-family dwellings.....	14,650	16,100	15,125	15,750
					Apartments.....	4,175	3,600	4,250	4,700
					Vehicles.....	5,175	4,075	3,400	3,425

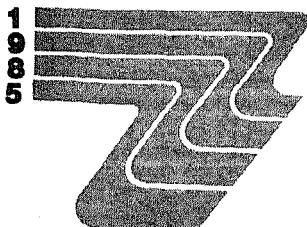
¹Direct property loss only. ²Includes other not shown separately.

Source: National Fire Protection Association, Quincy, MA, *Survey of Fire Departments for U.S. Fire Experience (1978-82)*.

Figure 7.1 Territorial Expansion of the United States and Acquisitions of Other Principal Areas

(See table 327)





Section 7

Geography and Environment

This section presents a variety of information on the physical environment of the United States, starting with basic area measurement data and ending with climate data for selected weather stations around the country. The subjects covered between those points are mostly concerned with environmental trends, but include such related subjects as land use and ownership, water consumption, hazardous waste sites, threatened and endangered wildlife, and expenditures for pollution abatement and control.

The information in this section is selected from a wide range of Federal agencies that compile the data for various administrative or regulatory purposes, such as the Environmental Protection Agency, Geological Survey, National Oceanic and Atmospheric Administration, and General Services Administration. Other agencies include the Bureau of the Census, which presents nationwide area measurement information; the Council on Environmental Quality (CEQ), which presents data on environmental conditions and pollutants in its annual report; and the Bureau of Economic Analysis, which compiles data on pollution abatement and control expenditures.

Area.—Area measurements were first conducted for the United States as a whole, and gradually were extended to the individual States. The annual report of the U.S. General Land Office for 1850 contained the first reference to measurements of areas of the States and Territories. In 1881, as part of the 1880 Census of Population, the Bureau of the Census laid the foundation for accurate and detailed area measurement in the United States. For the first time, an account was given of the methods and maps employed, the water bodies included, and the outer limits of the United States used as a basis for measurement. As part of the 1940 census, the Bureau published *Areas of the United States: 1940*, in which data were presented on the total land and inland water areas of the States, counties, places, and minor civil divisions. Since the 1940 census, the Bureau has published area measurement figures in each succeeding census. In 1964, the Bureau undertook a new measurement of the areas of places with at least 1,000 inhabitants, minor civil divisions, and census county divisions of the 1960 census. The results are published in *Area Measurement Reports*, series GE-20, a series of State reports and a U.S. summary. For 1980, the areas of all States and counties were completely remeasured, using newer large-scale maps and more modern equipment. The land area results for these areas are published in *1980 Census of Population*, vol. 1, chapter A reports (series PC80-1-A). Data for places and selected minor civil divisions with a population of 2,500 and over, metropolitan areas, and urbanized areas as well as States and counties are contained in a U.S. summary report.

Geography.—The Geological Survey conducts investigations, surveys, and research in the fields of geography, geology, topography, land use/land cover, mineralogy, hydrology, and geothermal energy resources as well as natural hazards. In cooperation with State and local agencies, the Geological Survey prepares and publishes topographic, land use/land cover, geologic, and hydrologic maps and data compilations. The Geological Survey provides United States cartographic data through the National Cartographic Information Center, water resources data through a multi-volume *Catalog of Information on Water Data*, and a variety of research and Open-File reports which are announced monthly in *New Publications of the Geological Survey*.

The National Ocean Service, a division of NOAA, is responsible for coastal and geodetic surveys and measurement of certain physical phenomena. Currently, its primary functions are to provide charts for marine and air navigation, to maintain a basic network of geodetic control, and to compile other basic data for engineering, scientific, commercial, industrial, and defense needs.

An inventory of the nation's land resources was conducted by the Soil Conservation Service in 1982. The results, published in the *1982 National Inventory of Land Resources* cover all non-Federal land in Puerto Rico, the Virgin Islands, and the U.S. except Alaska.

Maps prepared by the Bureau of the Census show boundaries of various types of political and statistical areas, such as places, county subdivisions, census tracts, and urbanized areas and are available in the GE-50 and GE-70 series.

Environment.—The CEQ is responsible for overseeing the environmental assessment process, recommending national environmental policies, analyzing changes and trends in the environment, and for reviewing Federal programs affecting the environment. It reports on environmental condi-

tions, trends, programs and activities in its annual publication, *Environmental Quality*. The CEQ has also published unique compilations of environmental data in *Environmental Statistics, 1979*, and *Environmental Trends*. The principal Federal agency responsible for pollution abatement and control activities is the Environmental Protection Agency (EPA). It is responsible for establishing and monitoring national air quality standards, water quality activities, solid and hazardous waste disposal, and control of toxic substances.

Air sampling, conducted by the Public Health Service, began in 17 communities in 1953; in 1957 the National Air Surveillance Network was established and, by the late 1960's, covered approximately 260 urban and 30 rural stations. The operation of the stations was decentralized in 1972 to the 10 regional EPA offices and many of the stations were in turn assimilated into State and locally operated air monitoring networks. The Network determines the extent and nature of air pollution and studies trends in levels of atmospheric contaminants.

National Ambient Air Quality Standards for suspended particulate matter, sulfur dioxide, oxidants, carbon monoxide, and nitrogen dioxide were set by EPA in April 1971. Responsibility for demonstrating compliance with or progress toward achieving these standards lies with the State agencies. There are approximately 3,500 non-Federal sampling stations for suspended particulates, almost 1,000 for sulfur oxides, 460 for carbon monoxide, 720 for photochemical oxidants, and 950 for nitrogen oxides. Data from these State networks are periodically submitted to EPA's National Aerometric Data Bank for summarization in quarterly reports on the nationwide status of, and trends in, air quality; for details, see *National Air Pollutant Emission Estimates, 1970-81*.

Pollution abatement and control expenditures.—Data on expenditures for pollution abatement and control are compiled and published by the U.S. Bureau of Economic Analysis (BEA), the U.S. Bureau of the Census, and the CEQ as part of ongoing programs. BEA conducts surveys on national expenditures for pollution abatement and control and presents the data in its *Survey of Current Business*. The U.S. Bureau of the Census collects data on State and local government and industry expenditures on control activities. Data on government expenditures were reported in the annual *Environmental Quality Control: Government Finances*, which was discontinued after the report for fiscal year 1980. Industry data are reported annually in *Current Industrial Reports*. CEQ publishes data in *Environmental Quality*.

Climate.—NOAA, through the National Weather Service and the National Environmental Satellite, Data and Information Service, is responsible for data on climate. NOAA maintains about 11,600 weather stations, of which over 3,000 produce autographic precipitation records, about 600 take hourly readings of a series of weather elements, and the remainder record data once a day. These data are reported monthly in the *Climatological Data* (published by State), and monthly and annually in the *Local Climatological Data* (published by location for major cities).

The climatological temperature, precipitation, and degree day normals listed in this publication are derived for comparative purposes and are averages for the 30-year period, 1951-80. For stations that did not have continuous records for the entire 30 years from the same instrument site, the normals have been adjusted to provide representative values for the current location. The information in all other tables is based on data from the beginning of the record at that location through 1982, except as noted.

The degree day normals are used to determine relative estimates of heating and cooling requirements for buildings. Each degree that the average temperature for a day is below 65° F produces one heating degree day. For example, if the maximum temperature is 70° F and the minimum temperature is 52° F, the average temperature for the day is 61°, resulting in four (4) heating degree days. Cooling degree days are calculated in a similar fashion for each degree that the average temperature is above 65° F. The monthly degree day normals represent the average accumulation of the daily values for the month.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970*. See Appendix I.

Land and Water

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No. 326. AREA OF STATES AND OTHER AREAS: 1980

[One sq. mile = 2.59 sq. kilometers. See *Historical Statistics, Colonial Times to 1970*, series A 210-263, for land area]

STATE OR OTHER AREA	Year admitted to state- hood	TOTAL AREA			LAND AREA ¹		WATER AREA ²	
		Rank	Sq. mi.	Sq. km.	Sq. mi.	Sq. km.	Sq. mi.	Sq. km.
United States.....	(x)	(x)	3,618,770	9,372,615	3,539,289	8,166,759	79,481	205,856
New England.....	(x)	(x)	66,672	172,681	63,012	163,201	3,880	9,480
Maine.....	1820	39	33,265	86,156	30,995	80,277	2,270	5,879
New Hampshire.....	1788	44	9,279	24,032	8,983	23,292	286	739
Vermont.....	1791	43	9,614	24,900	9,273	24,017	341	883
Massachusetts.....	1788	45	8,284	21,456	7,824	20,265	480	1,191
Rhode Island.....	1790	50	1,212	3,140	1,055	2,732	157	408
Connecticut.....	1788	48	5,018	12,998	4,872	12,618	146	380
Middle Atlantic.....	(x)	(x)	102,203	264,707	99,733	258,308	2,470	6,398
New York.....	1788	30	49,108	127,190	47,377	122,707	1,731	4,483
New Jersey.....	1787	46	7,787	20,169	7,488	19,342	319	827
Pennsylvania.....	1787	33	45,308	117,348	44,888	116,260	420	1,088
East North Central.....	(x)	(x)	248,540	643,719	243,961	631,859	4,579	11,860
Ohio.....	1803	35	41,330	107,044	41,004	106,201	326	843
Indiana.....	1816	38	36,185	93,720	35,932	93,064	253	856
Illinois.....	1818	24	56,345	145,934	55,645	144,120	700	1,814
Michigan.....	1837	23	58,527	151,586	58,954	147,511	1,573	4,075
Wisconsin.....	1848	26	56,153	145,436	54,426	140,984	1,727	4,472
West North Central.....	(x)	(x)	517,825	1,341,166	506,132	1,316,063	8,983	25,104
Minnesota.....	1858	12	84,402	218,601	79,548	206,030	4,854	12,571
Iowa.....	1846	25	56,275	145,753	55,065	144,850	310	803
Missouri.....	1821	19	69,697	180,516	68,945	178,588	752	1,948
North Dakota.....	1889	17	70,703	183,119	69,300	179,486	1,403	3,633
South Dakota.....	1889	16	77,118	199,730	75,852	196,715	1,164	3,014
Nebraska.....	1867	15	77,355	200,350	76,644	188,508	711	1,842
Kansas.....	1861	14	82,277	213,098	81,778	211,805	499	1,293
South Atlantic.....	(x)	(x)	278,927	722,420	266,910	691,296	12,017	31,123
Delaware.....	1787	49	2,044	5,285	1,932	5,005	112	290
Maryland.....	1788	42	10,460	27,092	9,837	25,477	823	1,614
District of Columbia.....	(x)	(x)	69	178	63	182	6	16
Virginia.....	1786	36	40,767	105,586	39,704	102,832	1,063	2,753
West Virginia.....	1863	41	24,231	62,759	24,119	62,468	112	291
North Carolina.....	1789	28	52,669	136,413	48,843	126,504	3,826	9,909
South Carolina.....	1788	40	31,113	80,582	30,203	78,227	910	2,355
Georgia.....	1788	21	58,910	152,578	58,056	150,365	854	2,211
Florida.....	1845	22	58,684	151,939	54,153	140,256	4,511	11,683
East South Central.....	(x)	(x)	181,947	471,243	178,824	463,154	3,123	8,069
Kentucky.....	1792	37	40,409	104,680	39,669	102,743	740	1,917
Tennessee.....	1796	34	42,144	109,152	41,155	106,591	989	2,561
Alabama.....	1819	29	51,705	133,915	50,767	131,487	938	2,428
Mississippi.....	1817	32	47,689	123,515	47,233	122,333	456	1,163
West South Central.....	(x)	(x)	437,701	1,133,646	427,271	1,106,633	10,430	27,013
Arkansas.....	1836	27	53,187	137,754	52,078	134,983	1,109	2,871
Louisiana.....	1812	31	47,751	123,677	44,521	115,310	9,230	8,366
Oklahoma.....	1907	18	69,956	181,188	68,655	177,817	1,301	3,369
Texas.....	1845	2	266,807	691,030	252,017	676,623	4,790	12,407
Mountain.....	(x)	(x)	863,563	2,236,629	855,194	2,214,952	8,388	21,677
Montana.....	1889	4	147,046	380,848	145,388	378,555	1,658	4,293
Idaho.....	1890	13	83,564	216,432	82,412	213,447	1,152	2,985
Wyoming.....	1890	9	97,609	253,326	96,989	251,202	820	2,125
Colorado.....	1876	8	104,091	269,598	103,595	268,311	496	1,285
New Mexico.....	1912	5	121,593	314,925	121,335	314,258	258	667
Arizona.....	1912	6	114,000	295,260	113,508	283,986	492	1,274
Utah.....	1896	11	84,899	219,889	82,073	212,569	2,826	7,320
Nevada.....	1864	7	110,561	286,352	109,894	284,624	667	1,728
Pacific.....	(x)	(x)	921,392	2,386,406	896,252	2,321,294	25,140	65,112
Washington.....	1889	20	68,138	176,478	66,511	172,264	1,627	4,215
Oregon.....	1859	10	97,073	251,419	98,184	249,117	889	2,302
California.....	1850	3	158,706	411,049	156,299	404,814	2,407	6,235
Alaska.....	1959	1	591,004	1,530,701	570,833	1,473,458	20,171	52,243
Hawaii.....	1959	47	6,471	16,758	6,425	16,641	46	118
Other areas:								
Puerto Rico.....	(x)	(x)	3,615	9,104	3,459	8,958	56	145
American Samoa.....	(x)	(x)	77	199	77	199	-	-
Guam.....	(x)	(x)	209	541	209	541	-	-
Virgin Islands of the U.S.....	(x)	(x)	132	344	132	342	1	3
Trust Territory of the Pacific Islands ⁴	(x)	(x)	533	1,380	533	1,380	-	-
No. Mariana Islands ⁴	(x)	(x)	184	477	184	477	-	-

¹ Represents zero. ² Not applicable. ³ Dry land and land temporarily or partially covered by water, such as marshland, swamps, etc.; streams and canals under one-eighth statute mile wide; and lakes, reservoirs, and ponds under 40 acres in area.

⁴ Permanent inland water surface, such as lakes, reservoirs, and ponds having an area of 40 acres or more; streams, sloughs, estuaries, and canals one-eighth statute mile or more in width; deeply indented embayments and sounds, and other coastal waters behind or sheltered by headlands or islands separated by less than 1 nautical mile of water, and islands under 40 acres in area. Excludes areas of oceans, bays, sounds, etc., lying within U.S. jurisdiction but not defined as inland water. ⁵ Year of ratification of Constitution; one of the original 13 States. ⁶ Under trusteeship; see table 5, footnote 5.

Source: U.S. Bureau of the Census, 1980 *Census of Population*, vol. I, part A (PC80-1-A), and unpublished data.

Geography and Environment

NO. 327. TERRITORIAL EXPANSION OF THE UNITED STATES AND ACQUISITIONS OF OTHER AREAS

[One square mile = 2.59 square kilometers. Boundaries of all territories listed under "United States" were indefinite, at least in part, at time of acquisition. Area figures shown here represent precise determinations of specific territories which have been marked upon maps, based upon interpretations of the several treaties of cession, which are necessarily debatable. These determinations were made by a committee consisting of representatives of various governmental agencies in 1912. Subsequently these figures were adjusted to bring them into agreement with remeasurements made in 1980. See also *Historical Statistics, Colonial Times to 1970*, series J 1-2.]

ACCESSION	Acquisi-tion date	GROSS AREA (land and water)		ACCESSION	Acquisi-tion date	GROSS AREA (land and water)	
		Sq. mi.	Sq. km.			Sq. mi.	Sq. km.
Total	(x)	3,623,434	9,384,694	Other areas:			
United States.....	(x)	3,618,770	9,372,614	Puerto Rico.....	² 1898	3,515	9,104
Territory in 1790 ¹	(x)	891,364	2,308,633	Guan.....	³ 1898	209	541
Louisiana Purchase.....	1803	831,321	2,153,121	American Samoa.....	⁴ 1899	77	199
Purchase of Florida.....	1819	69,866	180,953	Virgin Islands of the U.S.....	1917	132	342
Texas.....	1845	384,958	997,041	Trust Territory of the Pacific Islands ⁵	1947	533	1,380
Oregon.....	1846	283,439	734,107	No. Mariana Islands ⁶	1947	184	477
Mexican Cession.....	1848	530,706	1,374,529	All other ⁷	(x)	14	36
Gadsden Purchase.....	1853	29,640	76,768				
Alaska.....	1867	591,004	1,530,700				
Hawaii.....	1898	6,471	16,760				

X Not applicable. ¹ Includes that part of drainage basin of Red River of the North, south of 49th parallel, sometimes considered part of Louisiana Purchase. ² Ceded by Spain in 1898, ratified in 1899, and became Commonwealth of Puerto Rico by Act of Congress on July 25, 1952. ³ Acquired 1898; ratified 1899. ⁴ Acquired 1899; ratified 1900. ⁵ Land area only. Under trusteeship; see table 5, footnote 5. ⁶ Comprises the following islands with gross areas as indicated, in sq. mi.: Midway (2), Wake (3), Palmyra (4), Navassa (2), Baker, Howland, and Jarvis (combined area, 3), Johnston Atoll (combined area, less than .5), and Kingman Reef (less than .5). Excludes Canton and Enderbury Islands (combined area 27 sq. mi. or 73 sq. km.), which are considered to be under the jurisdiction of Kiribati since 1978, and Swan Islands (1 sq. mi.), which were returned to Honduras in 1972.

Source: U.S. Bureau of the Census, unpublished data.

NO. 328. LAND UTILIZATION, BY TYPE: 1959 TO 1982

[See *Historical Statistics, Colonial Times to 1970*, series J 50-66, J 71, and J 76, for similar data]

TYPE	LAND (mil. acres)					PERCENT				
	1959	1969	1974	1978	1982, prel.	1959	1969	1974	1978	1982, prel.
Total land area ¹	2,271	2,284	2,264	2,264	2,265	100.0	100.0	100.0	100.0	100.0
LAND USE										
Cropland used for crops ²	359	333	361	369	387	15.8	14.7	16.0	16.3	17.1
Idle cropland.....	33	51	21	26	19	1.5	2.3	.9	1.1	.8
Cropland used only for pasture.....	66	88	83	76	68	2.9	3.9	3.7	3.4	3.0
Grassland pasture ³	633	604	598	587	593	27.9	26.7	26.4	25.9	26.2
Forest land ⁴	728	723	718	703	654	32.1	31.9	31.7	31.1	28.9
Special uses ⁵	146	172	182	158	270	6.4	7.6	8.0	7.0	5.11.9
Urban areas ⁶	24	31	35	(1) ⁷	(1) ⁷	1.1	1.4	1.5	(1) ⁷	(1) ⁷
Transportation areas ⁸	25	26	28	27	27	1.1	1.2	1.2	1.2	1.2
Recreation areas ⁹	44	49	52	57	116	1.9	2.2	2.3	2.5	5.1
Wildlife areas ¹⁰	17	32	36	41	95	.8	1.4	1.6	1.8	4.2
National defense and industrial ¹¹	28	26	25	25	24	1.1	1.1	1.1	1.1	1.1
Farmsteads, farm roads, and lanes	10	8	8	8	8	.4	.4	.4	.4	.4
Other land ¹²	306	293	301	345	274	13.5	12.9	13.2	15.2	12.1
LAND OWNERSHIP										
Private land ¹³	1,332	1,317	1,316	1,315	1,329	58.7	58.2	58.1	58.1	58.7
Indian lands ¹⁴	53	50	51	52	51	2.3	2.2	2.3	2.3	2.3
Public land, total	886	897	897	897	895	39.0	39.6	39.6	39.6	39.1
Federal	765	763	761	742	730	33.7	33.7	33.6	32.8	32.2
State and local	121	134	136	155	155	5.3	5.9	6.0	6.8	6.8

¹ Changes in total land area are due to variable methods and materials used in periodic remeasurements, and to the construction of artificial reservoirs. ² Cropland harvested, crop failure, and cultivated summer fallow. ³ Grassland and other nonforest pasture and range. ⁴ Excludes reserved forest land in parks and other special uses of land. Includes forest grazing land, wilderness, and wildlife areas. ⁵ Changes in use between 1978 and 1982 are primarily attributed to reclassification and change of Alaskan lands to park, wilderness, and wildlife areas. ⁶ Estimated area in urbanized areas and places of 2,500 or more population outside urbanized areas. ⁷ Data for urban areas included in other land. ⁸ Represents rural highway, road, and railroad rights-of-way, and areas. ⁹ Area in National and State parks and related recreation areas, including areas in national wilderness and primitive areas. ¹⁰ Acreage administered by Federal and State agencies primarily for wildlife protection and propagation. ¹¹ Areas administered by the Dept. of Defense for military purposes and by the Energy Research and Development Administration. ¹² Miscellaneous areas such as marshes, open swamps, bare rock area, deserts, and tundra, and various other areas not inventoried. ¹³ Land owned by individuals, partnerships, and corporations. ¹⁴ Managed in trust by Bureau of Indian Affairs.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Major Uses of Land in the United States: 1978*, AER 487. August 1982, and unpublished data.

Federal Public Domain—Federally Owned Land

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No. 329. AREA AND ACQUISITION OF THE FEDERAL PUBLIC DOMAIN: 1781 TO 1983

[In millions of acres. Areas of acquisitions are as computed in 1912, and do not agree with figures in square miles shown in table 327 which include later adjustments and reflect subsequent remeasurement. Excludes outlying areas of the United States amounting to 645,849 acres in 1978. See also *Historical Statistics, Colonial Times to 1970*, series J 3-6]

YEAR	Land area, total ¹	YEAR	LAND AREA ¹			YEAR AND ACQUISITION	ACREAGE		
			Total	Public domain	Acquired		Total	Land	Inland water
1802.....	200.0	1973.....	761.0	704.8	56.2	Aggregate.....	1,837.8	1,804.7	33.1
1850.....	1,200.0	1974.....	760.5	703.8	56.7	1781-1802 (State Cessions).....	236.8	233.4	3.4
1880.....	900.0	1975.....	760.4	702.9	57.5	1803, Louisiana Purchase ²	529.9	523.4	6.5
1912.....	600.0	1976.....	762.2	702.8	59.4	1819, Cession from Spain.....	46.1	43.3	2.8
1946.....	413.0	1977.....	741.5	683.3	58.2	Red River Basin ³	29.6	29.1	.5
1950.....	412.0	1978.....	775.2	712.0	63.3 ⁴	1846, Oregon Compromise.....	183.4	180.6	2.7
1955.....	407.9	1979.....	744.1	684.3	59.8	1848, Mexican Cession ²	338.7	334.5	4.2
1959.....	768.6	1980.....	719.5	648.0	71.5	1850, Purchase from Texas.....	78.9	78.8	.1
1960.....	771.5	1981.....	730.8	688.7	62.2	1853, Gadsden Purchase.....	19.0	19.0	(2)
1965.....	765.8	1982.....	729.8	670.0	59.8	1867, Alaska Purchase.....	375.3	362.5	12.8
1970.....	761.3	1983.....	732.0	672.4	59.6				
1971.....	760.2								
1972.....	760.7								

Z Less than 50,000. ¹ Owned by Federal Government. Comprises original public domain plus acquired lands. Estimated from imperfect data available for indicated years. Prior to 1959, excludes Alaska, and 1960, Hawaii. Source: Beginning 1955, U.S. General Services Administration, *Inventory Report on Real Property Owned by the United States Throughout the World*, annual.

² Data for Louisiana Purchase exclude areas ceded by Treaty of 1819 with Spain. Such areas are included in figures for Mexican Cession. ³ Represents drainage basin of Red River of the North, south of 49th parallel. Authorities differ as to method and date of its acquisition. Some hold it as part of Louisiana Purchase; others, as acquired from Great Britain.

Source: Except as noted, U.S. Dept. of the Interior. Estimated area, Bureau of Land Management; all other data, Office of the Secretary, *Areas of Acquisitions to the Territory of the U.S.*, 1922.

No. 330. TOTAL AND FEDERALLY OWNED LAND, 1960 TO 1983, AND BY STATE, 1983

[As of June 30 except, beginning 1976, as of Sept. 30. Total land area figures are not comparable with those in table 328]

YEAR, REGION, DIVISION, AND STATE	Total (1,000 acres)	Not owned by Federal Govern- ment (1,000 acres)	OWNED BY FEDERAL GOVERNMENT ¹		DIVISION AND STATE	Total (1,000 acres)	Not owned by Federal Govern- ment (1,000 acres)	OWNED BY FEDERAL GOVERNMENT ¹	
			Acres (1,000)	Per- cent				Acres (1,000)	Per- cent
1960.....	2,279,407	1,501,894	771,512	33.9	W. No. Cent.—				
1965.....	2,271,343	1,505,546	765,797	33.5	Con.				
1970.....	2,271,343	1,510,042	761,301	33.5	MO.....	44,248	42,071	2,178	4.9
1973.....	2,271,343	1,510,344	760,998	33.5	ND.....	44,452	42,206	2,247	5.1
1974.....	2,271,343	1,510,811	760,532	33.5	SD.....	48,882	45,734	3,148	6.4
1975.....	2,271,343	1,510,929	760,414	33.5	NE.....	49,032	48,381	651	1.3
1976.....	2,271,343	1,509,151	762,192	33.5	KS.....	52,511	51,778	733	1.4
1977.....	2,271,343	1,529,834	741,509	32.6	So. All.....	171,325	157,732	13,591	7.9
1978.....	2,271,343	1,496,094	775,249	34.1	DE.....	1,266	1,225	41	3.2
1979.....	2,271,343	1,533,545	744,146	32.8	MD.....	6,319	6,133	186	2.9
1980.....	2,271,343	1,651,822	719,522	31.7	DC.....	39	26	13	32.2
1981.....	2,271,343	1,540,528	730,816	32.2	VA.....	25,498	23,067	2,429	9.5
1982.....	2,271,343	1,541,522	729,821	32.1	WV.....	15,411	14,283	1,117	7.3
1983, total.....	2,271,343	1,539,301	732,042	32.2	NC.....	31,403	29,244	2,159	6.9
Regions:					SC.....	19,374	18,176	1,198	6.2
Northeast.....	104,700	102,311	2,389	2.3	GA.....	37,295	35,004	2,291	6.1
Midwest.....	482,870	463,234	19,639	4.1	FL.....	34,721	30,564	4,157	12.0
South.....	561,238	531,672	29,566	5.3	E. So. Cent.....	115,141	108,958	6,163	5.4
West.....	1,122,535	442,087	680,449	60.6	KY.....	25,512	24,093	1,419	5.6
N. Eng.....	40,401	39,105	1,296	3.2	TN.....	26,728	24,865	1,863	7.0
ME.....	18,848	19,712	136	.7	AL.....	32,678	31,536	1,142	3.5
NH.....	5,769	5,031	738	12.8	MS.....	30,223	28,484	1,759	5.8
VT.....	5,937	5,617	320	5.4	W. So. Cent.....	274,772	264,982	9,791	3.6
MA.....	5,035	4,949	86	1.7	AR.....	33,599	30,125	3,474	10.3
RI.....	677	671	6	.9	LA.....	28,868	27,702	1,168	4.0
CT.....	3,135	3,125	10	.3	OK.....	44,088	42,487	1,601	3.6
Mid. Atl.....	64,299	63,206	1,093	1.7	TX.....	168,218	164,668	3,549	2.1
NY.....	30,681	30,493	248	.8	MT.....	548,449	280,499	267,951	48.9
NJ.....	4,813	4,663	151	3.1	MT.....	93,271	65,882	27,409	29.4
PA.....	28,804	28,110	695	2.4	ID.....	52,933	18,452	34,481	65.1
E. No. Cent.....	156,879	149,877	7,004	4.5	WY.....	62,343	31,612	30,731	49.3
OH.....	26,222	25,857	366	1.4	CO.....	66,486	42,567	23,919	36.0
IN.....	23,158	22,657	502	2.2	NM.....	77,766	51,846	25,921	33.3
IL.....	35,795	35,173	623	1.7	AZ.....	72,688	40,621	32,067	44.1
MI.....	36,492	32,879	3,614	9.9	UT.....	52,697	19,324	33,373	63.3
WI.....	35,011	33,111	1,900	5.4	NV.....	70,284	10,215	60,050	85.5
W. No. Cent.....	326,191	319,557	12,635	3.9	Pac.....	574,086	161,588	412,499	71.9
MN.....	51,206	47,755	3,450	6.7	WA.....	42,694	30,539	12,155	28.5
IA.....	35,860	35,632	228	.6	OR.....	61,599	29,363	32,235	52.3
					CA.....	100,207	54,317	45,890	45.8
					AK.....	365,482	43,954	321,528	88.0
					HI.....	4,106	3,415	891	18.8

¹ Excludes trust properties.

Geography and Environment

No. 331. LAND COVER/USE OF NONFEDERAL LAND AND SMALL WATER AREAS, BY STATE: 1982

[In thousands of acres. Excludes Alaska]

STATE	Total	Urban and built- up land	Rural trans- portation	Small water areas	RURAL LAND					
					Total	Crop land	Pas- ture land	Ran- ge- land	Forest land	Minor land/ cover uses
United States.....	1,495,420	46,416	26,913	10,096	1,411,996	420,982	132,354	405,917	393,215	59,527
Alabama.....	31,553	906	639	312	29,697	4,510	3,817	-	20,633	736
Arizona.....	40,603	711	291	19	39,582	1,206	79	30,948	4,780	2,568
Arkansas.....	30,219	636	540	275	28,768	8,101	5,794	164	14,340	370
California.....	54,468	3,265	1,037	337	49,881	10,516	1,393	18,125	15,218	4,580
Colorado.....	42,636	672	609	145	41,271	10,603	1,260	24,223	4,030	1,556
Connecticut.....	3,109	603	55	49	2,401	245	114	-	1,828	214
Delaware.....	1,204	128	26	11	1,038	519	35	-	348	137
Florida.....	31,526	2,770	601	428	27,728	3,555	4,273	3,804	12,430	3,666
Georgia.....	35,077	1,632	504	407	32,534	6,567	2,977	-	21,884	1,107
Hawaii.....	3,771	126	23	12	3,610	333	974	-	1,474	829
Idaho.....	19,448	189	255	72	18,933	6,389	1,274	6,733	3,977	560
Illinois.....	35,137	1,846	870	346	32,076	24,727	3,157	-	3,428	761
Indiana.....	22,514	1,182	517	208	20,597	13,781	2,212	-	3,640	964
Iowa.....	35,644	623	1,061	252	33,709	26,441	4,536	-	1,758	976
Kansas.....	51,785	721	1,104	305	49,655	29,118	2,241	16,909	626	761
Kentucky.....	24,278	696	570	208	22,866	5,934	5,880	-	10,158	894
Louisiana.....	27,103	823	546	478	25,256	6,409	2,369	241	12,895	3,342
Maine.....	19,702	212	270	154	19,068	953	569	-	16,770	773
Maryland.....	6,114	763	114	64	5,173	1,794	534	-	2,425	419
Massachusetts.....	4,923	883	128	74	3,839	297	202	-	2,970	370
Michigan.....	38,368	1,986	873	263	30,265	9,443	2,911	-	15,260	2,552
Minnesota.....	47,456	904	1,154	363	45,035	23,023	3,590	199	13,858	4,267
Mississippi.....	28,558	582	539	374	27,063	7,415	3,975	-	15,243	429
Missouri.....	41,983	1,117	977	346	39,543	14,988	12,573	168	10,986	818
Montana.....	65,946	197	784	301	64,664	17,197	3,035	37,838	5,228	1,367
Nebraska.....	48,449	415	826	218	46,990	20,277	2,125	23,096	732	760
Nevada.....	10,159	199	152	19	9,788	860	304	7,908	357	360
New Hampshire.....	5,033	236	109	59	4,629	158	125	-	4,085	261
New Jersey.....	4,635	1,163	69	61	3,342	809	240	-	1,848	445
New Mexico.....	51,247	267	382	63	50,535	2,413	163	40,982	4,734	2,243
New York.....	30,082	1,811	594	293	27,385	5,913	3,871	-	16,516	1,085
North Carolina.....	23,111	1,622	727	281	26,481	6,695	1,980	-	16,729	1,077
North Dakota.....	42,434	198	1,036	179	41,021	27,039	1,272	10,948	438	1,323
Ohio.....	25,892	2,187	645	201	22,859	12,447	2,714	-	6,380	1,318
Oklahoma.....	42,783	851	789	348	40,795	11,568	7,138	15,060	6,539	491
Oregon.....	29,332	526	365	151	28,291	4,356	1,986	9,392	11,889	687
Pennsylvania.....	28,060	2,073	613	229	25,144	5,896	2,593	-	15,300	1,355
Rhode Island.....	672	140	14	10	508	27	36	-	466	39
South Carolina.....	18,173	839	475	178	16,681	3,579	1,208	-	11,026	868
South Dakota.....	45,762	231	833	193	44,506	16,947	2,703	22,786	562	1,508
Tennessee.....	24,980	1,000	588	204	23,169	5,592	5,356	-	11,529	712
Texas.....	164,763	4,388	2,234	714	157,428	33,317	17,043	95,353	9,324	2,392
Utah.....	16,703	274	152	30	16,247	2,039	490	8,489	3,235	1,994
Vermont.....	5,618	97	101	44	5,377	648	501	-	4,087	142
Virginia.....	23,063	1,219	329	222	21,292	3,397	3,392	-	13,625	878
Washington.....	30,092	980	492	148	28,462	7,793	1,345	5,637	12,690	997
West Virginia.....	14,329	312	205	92	13,721	1,092	1,869	-	10,423	327
Wisconsin.....	33,064	1,125	770	279	30,890	11,457	3,394	-	13,393	2,646
Wyoming.....	32,803	148	330	85	32,240	2,587	755	26,915	987	996

- Represents zero.

Source: U.S. Dept. of Agriculture, Soil Conservation Service, 1982 National Resources Inventory, 1984.

Indian Land—Urban Land

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NO. 332. LANDS UNDER JURISDICTION OF BUREAU OF INDIAN AFFAIRS—ACREAGE, BY STATE:
1940 TO 1982[In thousands of acres. Excludes States with less than 500 acres in years specified. Beginning 1960, taxable lands generally included. Beginning 1975, includes tribal fee lands. See also *Historical Statistics, Colonial Times to 1970*, series J 16-19]

STATE	1940	1960	1970	1975	1979	1980	1981	1982			
								Total	Indian		
									Trust allotted ¹	Tribal ²	
Total	55,406	58,076	55,408	52,316	52,982	52,993	52,473	52,334	9,249	42,634	451
Alaska	(NA)	4,168	4,170	117	386	428	448	573	486	86	1
Arizona	19,225	21,515	19,714	20,034	20,036	20,036	19,898	19,903	252	19,561	90
California	667	558	536	546	573	573	569	563	68	494	1
Colorado	667	752	755	782	783	783	756	757	3	754	-
Florida	61	79	79	79	79	79	80	80	-	80	-
Indiana	818	835	828	827	827	827	825	825	331	462	32
Iowa	3	4	4	4	4	4	4	4	-	4	-
Kansas	95	29	27	26	28	29	29	30	22	8	-
Michigan	27	22	21	21	21	21	21	21	9	12	-
Minnesota	653	756	763	764	764	764	764	764	51	713	-
Mississippi	9	16	18	17	18	18	18	18	-	18	-
Montana	6,455	5,457	5,274	5,282	5,258	5,249	5,240	5,030	2,208	2,820	2
Nebraska	76	68	62	61	65	65	65	65	23	42	-
Nevada	1,127	1,152	1,148	1,153	1,154	1,154	1,225	1,225	79	1,139	7
New Mexico	7,153	6,542	7,209	7,537	7,865	7,864	7,459	7,361	674	6,386	301
North Carolina	57	56	57	56	56	57	57	57	-	57	-
North Dakota	1,036	879	850	850	853	853	853	853	643	209	1
Oklahoma	2,844	1,855	1,424	1,306	1,240	1,230	1,222	1,216	1,216	87	8
Oregon	1,737	1,238	687	761	761	762	760	758	138	621	-
South Dakota	5,865	5,064	4,975	5,020	5,081	5,093	5,096	5,099	2,458	2,639	2
Utah	1,693	2,126	2,271	2,276	2,285	2,286	2,286	2,331	34	2,296	-
Washington	2,740	2,581	2,480	2,504	2,517	2,520	2,499	2,500	474	2,023	3
Wisconsin	445	422	188	407	409	410	410	411	81	330	-
Wyoming	2,013	1,890	1,887	1,886	1,888	1,888	1,888	1,889	94	1,793	2

¹ Represents zero. NA Not available.¹ Private landholdings of individual Indians.² Lands held by Indian tribes.^a Includes 3,000 acres in SC, not shown separately.Source: U.S. Bureau of Indian Affairs, *Annual Report of Indian Land*, and unpublished data.

NO. 333. URBAN LAND AREA—STATES: 1960 TO 1980

[In acres. Urban areas include central cities and adjacent urbanized fringe zones of urbanized areas plus all incorporated and unincorporated places of 2,500 or more inhabitants outside urbanized areas. For more information on urban, see text, p. 1.]

STATE	URBAN AREA (1,000)			URBAN AREA PER CAPITA ¹			STATE	URBAN AREA (1,000)			URBAN AREA PER CAPITA ¹		
	1960	1970	1980	1960	1970	1980		1960	1970	1980	1960	1970	1980
U.S.	25,500	34,557	47,314	.20	.23	.28	Mississippi	228	396	580	.28	.37	.49
Alabama	703	1,052	1,483	.39	.52	.63	Missouri	518	798	1,020	.19	.24	.30
Alaska	14	68	285	.16	.43	1.10	Montana	54	76	118	.16	.20	.28
Arizona	320	463	892	.33	.33	.59	Nebraska	121	178	232	.16	.19	.22
Arkansas	222	384	605	.29	.40	.51	Nevada	72	255	238	.36	.65	.35
California	2,352	3,328	4,200	.17	.18	.19	New Hampshire	310	323	359	.88	.78	.75
Colorado	203	343	597	.16	.20	.26	New Jersey	1,129	1,212	1,392	.21	.19	.21
Connecticut	574	578	745	.29	.25	.30	New Mexico	184	255	361	.29	.36	.38
Delaware	53	79	111	.18	.20	.26	New York	1,353	1,570	2,058	.09	.10	.14
District of Columbia	39	39	40	.05	.05	.06	North Carolina	488	688	1,164	.27	.30	.41
Florida	881	1,573	2,617	.24	.29	.32	North Dakota	39	62	95	.17	.23	.30
Georgia	612	920	1,454	.28	.33	.43	Ohio	1,415	1,816	2,093	.20	.23	.26
Hawaii	278	146	177	.57	.23	.21	Oklahoma	480	814	1,136	.33	.47	.56
Idaho	74	105	154	.23	.27	.30	Oregon	239	393	458	.22	.24	.26
Illinois	992	1,400	1,730	.12	.15	.18	Pennsylvania	1,186	1,450	1,770	.15	.17	.22
Indiana	520	829	1,012	.18	.25	.29	Rhode Island	123	172	182	.17	.21	.22
Iowa	416	573	666	.28	.36	.39	South Carolina	267	408	757	.27	.33	.45
Kansas	241	376	505	.18	.25	.32	South Dakota	62	81	106	.23	.27	.33
Kentucky	247	404	570	.18	.24	.31	Tennessee	492	840	1,278	.26	.36	.46
Louisiana	468	523	798	.23	.22	.28	Texas	2,113	2,870	4,017	.29	.32	.35
Maine	556	471	581	1.12	.93	1.08	Utah	190	254	420	.28	.30	.34
Maryland	290	483	836	.13	.16	.25	Vermont	51	41	78	.34	.29	.45
Massachusetts	909	1,027	1,286	.21	.21	.27	Virginia	486	768	1,183	.22	.26	.34
Michigan	1,017	1,286	1,540	.18	.20	.24	Washington	422	607	845	.22	.25	.28
Minnesota	707	905	1,299	.33	.36	.48	West Virginia	138	150	200	.19	.22	.28

¹ Based on urban resident population enumerated as of April 1.Source: U.S. Dept. of Agriculture, Economic Research Service, *Expansion of Urban Area in the United States: 1960-1980* (Economic Research Service Staff Report AGES830615). Data from U.S. Bureau of the Census.

NO. 334. EXTREME AND MEAN ELEVATIONS—STATES AND OTHER AREAS

[One foot = .305 meter]

STATE OR OTHER AREA	HIGHEST POINT			LOWEST POINT			APPROXIMATE MEAN ELEVATION	
	Name	Elevation		Name	Elevation		Foot	Meters
		Feet	Meters		Feet	Meters		
U.S.	Mt. McKinley (AK)	20,320	6,198	Death Valley (CA)	-282	-86	2,500	763
AL	Cheaha Mountain	2,407	734	Gulf of Mexico	(¹)	(¹)	500	153
AK	Mount McKinley	20,320	6,198	Pacific Ocean	(¹)	(¹)	1,900	580
AZ	Humreys Peak	12,633	3,853	Colorado River	70	21	4,100	1,251
AR	Magazine Mountain	2,753	840	Ouachita River	55	17	650	198
CA	Mount Whitney	14,494	4,421	Death Valley	-282	-86	2,900	885
CO	Mt. Elbert	14,433	4,402	Arkansas River	3,350	1,022	6,800	2,074
CT	Mt. Frissell, on South slope	2,380	726	Long Island Sound	(¹)	(¹)	500	153
DE	Bright Road, New Castle County	442	135	Atlantic Ocean	(¹)	(¹)	60	18
DC	Tenleytown	410	125	Potomac River	1	(²)	150	46
FL	Sec. 30, T6N, R20W,	345	105	Atlantic Ocean	(¹)	(¹)	100	31
GA	Brassington Bald	4,784	1,459	Atlantic Ocean	(¹)	(¹)	600	183
HI	Mauna Kea	13,796	4,208	Pacific Ocean	(¹)	(¹)	3,030	924
ID	Borah Peak	12,662	3,862	Snake River	710	217	5,000	1,525
IL	Charles Mound	1,235	377	Mississippi River	279	85	600	183
IN	Franklin Twp., Wayne Co.	1,257	383	Ohio River	320	98	700	214
IA	Sec. 29, T100N, R41W, Osceola County ²	1,670	509	Mississippi River	480	146	1,100	336
KS	Mount Sunflower	4,039	1,232	Verdigris River	680	207	2,000	610
KY	Black Mountain	4,145	1,284	Mississippi River	257	78	750	229
LA	Driskill Mountain	535	163	New Orleans	-5	-2	100	31
ME	Mount Katahdin	5,288	1,607	Atlantic Ocean	(¹)	(¹)	600	183
MD	Backbone Mountain	3,980	1,025	Atlantic Ocean	(¹)	(¹)	350	107
MA	Mount Greylock	3,491	1,065	Atlantic Ocean	(¹)	(¹)	500	153
MI	Mount Arvon	1,979	604	Lake Erie	572	174	900	275
MN	Eagle Mountain, Cook Co.	2,301	702	Lake Superior	602	184	1,200	366
MS	Woodall Mountain	806	246	Gulf of Mexico	(¹)	(¹)	300	92
MO	Taum Sau Mountain	1,772	540	St. Francis River	230	70	800	244
MT	Granite Peak	12,799	3,904	Kootenai River	1,800	549	3,400	1,037
NE	Johnson Twp., Kimball Co.	5,426	1,655	Southeast corner of State	840	256	2,600	793
NV	Boundary Peak	13,143	4,098	Colorado River	470	143	5,500	1,678
NH	Mount Washington	6,288	1,918	Atlantic Ocean	(¹)	(¹)	1,000	305
NJ	High Point	1,803	550	Atlantic Ocean	(¹)	(¹)	250	76
NM	Wheeler Peak	13,181	4,014	Red Bluff Reservoir	2,817	859	5,700	1,739
NY	Mount Marcy	5,344	1,630	Atlantic Ocean	(¹)	(¹)	1,000	305
NC	Mount Mitchell	6,684	2,089	Atlantic Ocean	(¹)	(¹)	700	214
ND	White Butte, Slope Co.	3,508	1,069	Fed River	750	229	1,900	580
OH	Campbell Hill	1,550	473	Ohio River	433	132	850	259
OK	Black Mesa	4,973	1,517	Little River	287	88	1,300	387
OR	Mount Hood	11,239	3,428	Pacific Ocean	(¹)	(¹)	3,300	1,007
PA	Mount Davis	3,213	980	Delaware River	(¹)	(¹)	1,100	336
RI	Jerimoth Hill	812	248	Atlantic Ocean	(¹)	(¹)	200	61
SC	Sassafras Mountain	3,560	1,086	Atlantic Ocean	(¹)	(¹)	350	107
SD	Hayne Peak	7,242	2,209	Big Stone Lake	982	293	2,200	671
TN	Clingmans Dome	6,643	2,026	Mississippi River	182	56	900	275
TX	Guadalupe Peak	8,748	2,668	Gulf of Mexico	(¹)	(¹)	1,700	519
UT	Kings Peak	13,528	4,128	Beaverdam Creek	2,000	610	6,100	1,861
VT	Mount Mansfield	4,393	1,340	Lake Champlain	95	29	1,000	305
VA	Mount Rogers	5,729	1,747	Atlantic Ocean	(¹)	(¹)	950	290
WA	Mount Rainier	14,410	4,385	Pacific Ocean	(¹)	(¹)	1,700	519
WV	Spruce Knob	4,863	1,483	Potomac River	240	73	1,500	468
WI	Timms Hill	1,952	595	Lake Michigan	581	177	1,050	320
WY	Gannett Peak	13,804	4,210	Belle Fourche River	3,100	946	6,700	2,044

² Less than .5 meter. ¹ Sea level. ² Sec. denotes section; "T," township; "R," range; "N," north; "W," west.Source: U.S. Geological Survey, *Elevations and Distances in the United States*, 1980.

NO. 335. COASTLINE OF THE UNITED STATES, BY STATES

[One mile = 1,609 kilometers]

STATE	GENERAL COASTLINE ¹		TIDAL SHORELINE ²		STATE	GENERAL COASTLINE ¹		TIDAL SHORELINE ²	
	Statute miles	Kilometers	Statute miles	Kilometers		Statute miles	Kilometers	Statute miles	Kilometers
U.S.	12,383	19,924	88,633	142,610	Gulf coast	1,631	2,624	17,141	27,580
Atlantic coast	2,069	3,329	28,673	46,135	Alabama	53	85	977	977
Connecticut	~	~	618	994	Florida	770	1,299	5,095	8,198
Delaware	28	45	381	613	Louisiana	397	639	7,721	12,423
Florida	580	933	3,331	5,360	Mississippi	44	71	359	578
Georgia	100	161	2,344	3,771	Texas	387	591	3,359	5,405
Maine	228	367	3,478	5,596	Pacific coast	7,623	12,265	40,288	64,839
Maryland	31	50	3,190	5,193	Alaska	5,580	8,978	31,383	50,495
Massachusetts	192	309	1,519	2,444	California	840	1,352	3,427	5,514
New Hampshire	13	21	131	211	Hawaii	750	1,207	1,052	1,693
New Jersey	130	209	1,792	2,883	Oregon	296	476	1,410	2,269
New York	127	204	1,850	2,977	Washington	157	263	3,026	4,869
North Carolina	301	484	3,375	5,430	Arctic coast, Alaska	1,060	1,706	2,521	4,056
Pennsylvania	~	~	89	143					
Rhode Island	40	64	384	618					
South Carolina	187	301	2,876	4,627					
Virginia	112	180	3,315	5,334					

¹ Represents zero. ² Figures are lengths of general outline of seacoast. Measurements were made with a unit measure of 30 minutes of latitude on charts as near the scale of 1:1,200,000 as possible. Coastline of sounds and bays is included to a point where they narrow to width of unit measure, and includes the distance across at such point. ³ Figures obtained in 1939-1940 with a recording instrument on the largest-scale charts and maps then available. Shoreline of outer coast, offshore islands, sounds, bays, rivers, and creeks is included to the head of tidewater or to a point where tidal waters narrow to a width of 100 feet.

Source: U.S. National Oceanic and Atmospheric Administration, *The Coastline of the United States*, 1975.

NO. 336. WATER AREA, OTHER THAN INLAND WATER—STATES

[Includes only that portion of body of water under the jurisdiction of the United States, excluding Alaska and Hawaii. Excludes inland waters; see footnote 2, table 1. One square mile=2.59 square kilometers]

BODY OF WATER	AREA		BODY OF WATER	AREA	
	Sq. mi.	Sq. km.		Sq. mi.	Sq. km.
Total	74,364	192,603	Gulf of Mexico coastal water	3,837	9,938
Atlantic coastal water	2,298	5,952	Alabama	560	1,450
Florida	37	96	Florida	1,698	4,398
Georgia	48	124	Louisiana	1,016	2,631
Maine	1,102	2,854	Mississippi	556	1,440
Massachusetts	959	2,484	Texas	7	18
Rhode Island	14	36	Lake Michigan	22,178	57,441
South Carolina	138	357	Illinois	1,526	3,952
Chesapeake Bay	3,237	8,384	Indiana	228	591
Maryland	1,726	4,470	Michigan	13,037	33,768
Virginia	1,511	3,913	Wisconsin	7,387	19,132
Delaware Bay	665	1,722	New York Harbor	92	238
Delaware	350	907	New Jersey	69	178
New Jersey	315	816	New York	23	60
Lake Erie	5,002	12,955	Lake Ontario: New York	3,033	7,955
Michigan	216	559	Pacific coastal water	343	888
New York	594	1,538	California	69	179
Ohio	3,457	8,954	Oregon	48	124
Pennsylvania	735	1,904	Washington	226	585
Straits of Georgia and Juan de Fuca: Washington	1,610	4,170	Puget Sound: Washington	581	1,453
Lake Huron: Michigan	8,975	23,245	Lake St. Clair: Michigan	116	300
Long Island Sound	1,298	3,664	Lake Superior	21,118	54,696
Connecticut	573	1,484	Michigan	16,231	40,038
New York	726	1,880	Minnesota	2,212	5,729
			Wisconsin	2,675	6,928

Source: U.S. Bureau of the Census, *Areas of the United States*: 1940.

Geography and Environment

NO. 337. LENGTHS OF PRINCIPAL NORTH AMERICAN RIVERS

[Comprises rivers 600 miles or more in length. Length represents distance to designated outflow from (a) original headwater of named river where name applies to entire length of channel, or (b) upper limit of channel so named, usually the junction of 2 tributaries or headwater streams. One mile = 1,609 kilometers]

RIVER/OUTFLOW	LENGTH		RIVER/OUTFLOW	LENGTH	
	Miles	Kilo-meters		Miles	Kilo-meters
Alabama/Mobile River	735	1,183	Mississippi-Missouri-Red Rock/mouth of SW Pass	3,710	5,989
Albany/James Bay	610	981	Missouri/Mississippi River	2,315	3,725
Arkansas/Mississippi River	1,459	2,348	Missouri-Red Rock/Mississippi River	2,533	4,076
Black/Chantrey Inlet	600	965	Mobile Alabama-Coosa/Mobile Bay	780	1,255
Brazos/Gulf of Mexico	870	1,400	North Canadian/Canadian River	760	1,233
Canadian/Arkansas River	906	1,458	North Platte/Platte River	618	994
Churchill/Hudson Bay	1,000	1,609	Ohio/Mississippi River	981	1,578
Cimarron/Arkansas River	600	965	Ohio-Allegheny/Mississippi River	1,306	2,101
Colorado (U.S.-Mex.)/Gulf of California	1,450	2,333	Ottawa/St. Lawrence River	780	1,271
Colorado (Texas)/Matagorda Bay	840	1,352	Ouachita/Red River	605	973
Columbia/Pacific Ocean	1,243	2,000	Peace/Slave River	1,195	1,923
Columbia, Upper/to mouth of Snake River	890	1,432	Pecos/Rio Grande	735	1,183
Cumberland/Ohio River	720	1,158	Red (OK-TX-LA)/Mississippi River	1,270	2,043
Fraser/Strait of Georgia	850	1,368	Rio Grande/Gulf of Mexico	1,885	3,033
Gila/Colorado River	630	1,014	St. Lawrence/Lake Ontario	800	1,287
Green (UT-WY)/Colorado River	730	1,175	Saskatchewan N./Lake Winnipeg	1,100	1,770
Hamilton/Atlantic Ocean	600	965	Saskatchewan S./Lake Winnipeg	1,205	1,939
James (ND-SD)/Missouri River	710	1,142	Severn (Ontario)/Hudson Bay	610	981
Kuskokwim/Kuskokwim Bay	880	1,094	Snake/Columbia River	1,038	1,670
Liard/Mackenzie River	693	1,115	Tanana/Yukon River	620	998
Mackenzie/Arctic Ocean	900	1,448	Tennessee/Ohio River	652	1,049
Milk/Missouri River	625	1,006	Tennessee French Broad/Ohio River	900	1,448
Mississippi/Mouth of SW Pass	2,348	3,778	White (AR-MO)/Mississippi River	720	1,158
Mississippi, Upper/to mouth of Missouri River	1,171	1,884	Yellowstone/Missouri River	671	1,080
			Yukon/Bering Sea	1,900	3,057

Source: U.S. Geological Survey, unpublished data.

NO. 338. WATER WITHDRAWALS AND CONSUMPTION PER DAY—STATES AND PUERTO RICO: 1980

[Figures may not add due to rounding. Withdrawal signifies water physically withdrawn from a source. Includes fresh and saline water; excludes water used for hydroelectric power]

STATE	WATER WITHDRAWN					Fresh water consumed ^a (mil. gal.)	STATE OR OTHER AREA	WATER WITHDRAWN					Fresh water consumed ^a (mil. gal.)
	Per capita ¹ (gal.)	Total ² (bil. gal.)	Surface (bil. gal.)	Public supplies (bil. gal.)	Irrigation (bil. gal.)			Per capita ¹ (gal.)	Total ² (bil. gal.)	Surface (bil. gal.)	Public supplies (bil. gal.)	Irrigation (bil. gal.)	
Total....	1,953	450.0	360.0	34.0	150.0	100,000	MO.....	1,401	6.9	6.4	.7	.1	670
AL.....	2,824	11.0	10.0	.6	(z)	570	MT.....	13,959	11.0	11.0	.1	11.0	2,700
AK.....	546	.2	.2	.1	—	35	NE.....	7,634	12.0	4.9	.3	.3	7,800
AZ.....	2,929	8.0	3.7	.6	7.1	4,500	NV.....	4,461	3.6	2.9	.2	3.1	1,700
AR.....	6,960	18.0	12.0	.3	5.1	3,600	NH.....	1,083	1.0	.9	.1	(z)	17
CA.....	2,272	54.0	33.0	4.1	37.0	25,000	NJ.....	1,356	10.0	9.6	1.1	.1	380
CO.....	5,512	16.0	13.0	.6	14.0	4,000	NM.....	2,989	3.9	2.1	.2	3.6	1,900
CT.....	1,188	3.7	3.6	.4	(z)	160	NY.....	967	17.0	16.0	2.2	(z)	590
DE.....	2,013	1.2	1.1	.1	(z)	11	NC.....	1,376	8.1	7.3	.6	.1	760
DC.....	534	.3	.3	.2	—	23	ND.....	1,988	1.3	1.2	.1	.3	330
FL.....	2,127	21.0	17.0	1.4	3.0	2,400	OK.....	1,266	14.0	13.0	1.4	(z)	550
GA.....	1,259	6.9	5.7	.8	.6	1,000	OR.....	592	1.8	.8	.3	.2	1,000
HI.....	2,548	2.5	1.7	.2	.9	680	PA.....	2,578	6.8	5.7	.2	5.9	3,200
ID.....	19,007	18.0	12.0	.2	16.0	5,900	RI.....	1,347	16.0	15.0	1.5	.2	920
IL.....	1,574	18.0	17.0	1.8	.1	590	SC.....	527	.5	.5	.1	(z)	15
IN.....	2,551	14.0	13.0	.6	.2	690	SD.....	1,983	6.2	6.0	.4	.1	280
IA.....	1,476	4.3	3.5	.3	.1	290	TN.....	1,000	.7	.4	.1	.5	460
KS.....	2,788	6.6	1.0	.3	5.6	4,700	TX.....	2,178	10.0	9.6	.5	(z)	270
KY.....	1,311	4.8	4.6	.4	(z)	290	UT.....	1,466	21.0	13.0	3.8	8.4	10,000
LA.....	3,079	13.0	11.0	.6	2.2	3,500	VA.....	3,125	4.6	3.6	.8	3.2	2,900
ME.....	1,421	1.8	1.5	.1	(z)	53	VT.....	664	.3	.3	(z)	(z)	41
MD.....	1,822	7.7	7.6	.5	(z)	100	WA.....	1,809	9.7	9.3	.6	(z)	230
MA.....	1,027	5.9	5.6	.8	(z)	90	WV.....	2,001	8.3	7.5	.8	6.4	2,900
MI.....	1,621	15.0	14.0	1.3	.2	460	WI.....	2,872	5.6	5.4	.2	(z)	200
MN.....	759	3.1	2.4	.4	.2	450	WY.....	1,227	5.8	5.2	.6	.1	310
MS.....	1,387	3.5	2.0	.3	1.0	710	PR ⁴	11,368	5.4	4.8	.1	4.9	2,600
								980	3.2	2.9	.4	.3	300

[—] Represents zero. ^z Less than 50 million. ¹ Based on population as of July 1. ² Includes rural, industrial and steam electric withdrawal (not shown). ³ Evaporated, transpired, or incorporated into products; excludes irrigation conveyance losses by evapotranspiration. ⁴ Includes Virgin Islands.

Source: U.S. Geological Survey, *Estimated Use of Water in the United States in 1980*, Circular 1001.

Water Withdrawn—Water Quality—Polluting Discharges

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NO. 339. U.S. WATER WITHDRAWALS AND CONSUMPTION PER DAY BY END-USE: 1940 TO 1980

[Includes Puerto Rico. See headnote, table 338. See also *Historical Statistics, Colonial Times to 1970*, series J 92-103]

YEAR	Total (bil. gal.)	Per capita ¹ (gal.)	Irriga- tion (bil. gal.)	PUBLIC WATER UTILITIES ²		Rural domes- tic ³ (bil. gal.)	Indus- trial and misco. ⁴ (bil. gal.)	Steam electric utilities (bil. gal.)
				Total (bil. gal.)	Per capita ⁵ (gal.)			
WITHDRAWALS								
1940.....	136	1,027	71	10	75	3.1	29	23
1950.....	180	1,185	89	14	145	3.6	37	40
1955.....	240	1,454	110	17	148	3.6	39	72
1960.....	270	1,500	110	21	151	3.6	38	100
1965.....	310	1,602	120	24	155	4.0	46	130
1970.....	370	1,815	130	27	166	4.5	47	170
1975.....	420	1,972	140	29	168	4.9	45	200
1980.....	450	1,953	150	34	153	5.6	45	210
CONSUMPTION								
1960.....	61	339	52	3.5	25	2.8	3.0	2
1965.....	78	403	66	5.2	34	3.2	3.4	4
1970.....	87	427	73	5.9	36	3.4	4.1	.8
1975.....	96	451	80	6.7	38	3.4	4.2	1.9
1980.....	100	440	83	7.1	38	3.8	5.0	3.2

¹ Based on Bureau of the Census resident population as of July 1. ² Includes domestic central and commercial water withdrawals. ³ Based on population served. ⁴ Rural farm and nonfarm household and garden use, and water for farm stock and dairies. ⁵ For 1940-1950, includes manufacturing and mineral industries, rural commercial industries, air conditioning, resorts, hotels, motels, military and other State and Federal agencies, and miscellaneous; thereafter, includes manufacturing, mining and mineral processing, ordnance, construction, and miscellaneous.

Source: 1940-1980, U.S. Bureau of Domestic Business Development, based principally on committee prints, *Water Resources Activities in the United States*, for the Senate Committee on National Water Resources, U.S. Senate, thereafter U.S. Geological Survey, *Estimated Use of Water in the United States in 1980*, circular 1001 and previous quinquennial issues.

NO. 340. NATIONAL AMBIENT WATER QUALITY IN RIVERS AND STREAMS—VIOLATION RATE: 1973 TO 1982

[In percent. Violation level based on U.S. Environmental Protection Agency water quality criteria. Violation rate represents the proportion of all measurements of a specific water quality pollutant which exceeds the "violation level" for that pollutant. "Violation" does not necessarily imply a legal violation. Data based on U.S. Geological Survey's National Stream Quality Accounting Network (NASQAN) data system; for details, see source. Years refer to water years. A water year begins in Oct. and ends in Sept. µg=micrograms. mg=milligrams. For metric conversions, see p. xii]

POLLUTANT	VIOLATION LEVEL	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Fecal coliform bacteria.....	Above 200 cells per 100 ml.....	46	46	36	32	34	35	34	31	30	33
Dissolved oxygen.....	Below 5 mg per liter.....	6	4	5	6	11	5	5	4	4	5
Phosphorus.....	Above .1 mg per liter.....	7	7	5	5	5	5	3	4	4	3
Lead.....	Above 50 µg per liter.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	13	5	3	2
Cadmium.....	Above 10 µg per liter.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	4	1	1	1

NA Not available.

Source: U.S. Geological Survey, unpublished data.

NO. 341. POLLUTING DISCHARGES REPORTED IN U.S. WATERS: 1970 TO 1982

ITEM	Incidents	Gallons (1,000)	ITEM	Incidents	Gallons (1,000)	
1970, discharges.....	3,711	15,253	1982—Con. Offshore.....			
1971, discharges.....	8,736	8,840	Other.....	692	84	
1972, discharges.....	9,931	18,806	Pipeline.....	855	1,914	
1973, discharges.....	13,328	24,315	Marine facilities: Onshore/offshore.....	563	1,357	
1974, discharges.....	14,432	19,422	Land vehicles.....	631	558	
1975, discharges.....	12,781	22,243	Land facilities.....	494	442	
1976, discharges.....	13,930	36,508	Other or unknown.....	161	108	
1977, discharges.....	15,390	11,248	Type of pollutant: Crude oil.....	2,877	390	
1978, discharges.....	14,495	17,557	Diesel oil.....	2,234	4,683	
1979, discharges.....	13,194	13,861	Other oil.....	1,845	661	
1980, discharges.....	11,185	15,093	Other.....	1,733	618	
1981, discharges.....	10,564	18,773	Other or unknown.....	2,454	13,689	
1982, discharges.....	8,066	19,631	Location: Atlantic Coast.....	1,558	8,924	
Vessel.....	1,906	11,436	Gulf Coast.....	1,545	523	
Tank ship.....	232	9,555	Pacific Coast.....	943	138	
Tank barge.....	466	1,590	Great Lakes.....	11	2	
Other.....	1,208	291	Inland.....	3,942	9,966	
Nontransport facilities.....	1,639	2,065				
Onshore.....	92	67				

Source: U.S. Coast Guard, *Polluting Incidents In and Around U.S. Waters*, calendar years 1980 and 1982.

Geography and Environment

NO. 342. POPULATION SERVED BY SEWER SYSTEMS, BY DEGREE OF TREATMENT: 1960 TO 1982

[In millions, except percent. 1960 and 1970 not strictly comparable with later years]

ITEM	1960	1970	1978	1980	1982	ITEM	1960	1970	1978	1980	1982
U.S. population.....	180	203	220	224	230	Degree of treatment:					
Not served by sewers.....	70	58	66	65	68	Primary.....	36	(NA)	{ 21 26 }	41	38
Percent of population.....	39	29	30	29	29	Advanced primary.....					
Served by sewers.....	110	145	154	159	164	Secondary.....	4	(NA)	{ 56 31 18 }	63 48 15	68 51 5
Not treated.....	70	59	2	2	2	Advanced secondary.....					
Treated.....	40	86	152	157	162	Tertiary.....					

NA Not available. ¹ Decrease in 1980 due to some tertiary plants being downgraded into other classifications of treatment.Source: 1960 and 1970, U.S. Dept. of Commerce, "Market for Water and Waste Water Treatment Equipment," *Journal, Water Pollution Control Federation*, April 1979; 1978-1982, U.S. Environmental Protection Agency, *Needs Survey, Conveyance and Treatment of Municipal Wastewater, Summaries of Technical Data*, biennial.

NO. 343. NATIONAL AMBIENT AIR POLLUTANT CONCENTRATIONS: 1975 TO 1982

[Data represent annual composite averages of pollutant based on daily 24-hour averages of monitoring stations, except carbon monoxide is based on the second-highest, non-overlapping, 8-hour average; ozone, average of the second-highest daily maximum one hour value; and lead, quarterly average of ambient lead levels. µg/m³ = micrograms of pollutant per cubic meter of air; ppm=parts per million]

POLLUTANT	Unit	Monitoring stations, number	Air quality standard	1975	1976	1977	1978	1979	1980	1981	1982
Carbon monoxide.....	ppm.....	196	(¹)	11.68	11.09	10.37	9.84	9.38	8.68	8.64	8.01
Ozone.....	ppm.....	193	(²)	.154	.154	.153	.154	.139	.143	.129	.127
Sulfur dioxide.....	ppm.....	351	.03	.015	.015	.014	.012	.012	.011	.010	.010
Total suspended particulates....	µg/m³.....	1,768	.75	60.0	60.8	60.2	59.6	60.0	61.6	58.0	50.8
Nitrogen dioxide.....	ppm.....	276	.053	.26	.26	.26	.28	.28	.27	.26	.26
Lead.....	µg/m³.....	46	(⁴)	.88	.80	.88	.84	.69	.44	.44	.32
INDEX											
Carbon monoxide.....		196	(¹)	100	95	89	84	80	74	74	69
Ozone.....		193	(²)	100	100	99	100	90	93	84	82
Sulfur dioxide.....		351	.03	100	100	93	80	80	73	67	67
Total suspended particulates....	1975=100.....	1,768	.75	100	101	100	99	85	85	85	85
Nitrogen dioxide.....		276	.053	100	100	100	108	108	104	100	100
Lead.....		46	(⁴)	100	91	100	95	78	50	50	36

¹ Based on 8-hour standard of 9 ppm. ² Based on 1-hour standard of .12 ppm. ³ Values are biased high due to type of data measuring instruments used. ⁴ Based on 3-month standard of 1.5 µg/m³.Source: U.S. Environmental Protection Agency, *National Ambient Air Quality and Emissions Trends Report, 1982*, February 1984.

NO. 344. NATIONAL AIR POLLUTANT EMISSIONS, BY POLLUTANT AND EMISSIONS SOURCE: 1981

[In thousands of tons. Based on data collected in the National Emissions Data System (NEDS) on emissions sources. Point source data, which come from State air pollution control agencies, represent stationary facilities that are emitters of relatively large quantities (100 tons or more annually) of one or more air contaminants. Area sources are all sources not identified as point sources such as motor vehicles, aircraft, railroads, small stationary sources, forest fires, etc. Data will not agree with those shown in tables 345 and 346 due to different methodology employed]

EMISSIONS SOURCE	Particulates	Sulfur oxides	Nitrogen oxides	Hydrocarbons	Carbon monoxide	EMISSIONS SOURCE	Particulates	Sulfur oxides	Nitrogen oxides	Hydrocarbons	Carbon monoxide
Total	42,107	27,514	24,512	21,661	101,448	Chemical mfg.....	385	833	142	881	2,353
Area sources.....	37,270	2,246	12,898	16,896	93,115	Primary metal.....	385	1,821	42	78	198
Point sources.....	4,837	25,267	11,614	4,764	8,333	Petroleum Ind.....	74	830	360	403	1,290
Fuel combustion.....	2,933	22,150	13,777	3,077	7,082	Solid waste disposal	463	57	124	724	2,405
Area sources.....	1,086	1,294	3,088	2,779	6,178	Area sources.....	378	18	77	652	2,001
Point sources.....	1,847	20,855	10,689	299	905	Point sources.....	85	39	48	71	404
External combustion.....	2,818	22,088	12,722	2,996	6,895	Residential (area)	348	10	64	628	1,939
Residential.....	946	186	403	1,920	5,806	Transport. (area)	6,529	927	9,518	8,146	77,832
Electric generation	1,257	17,505	7,890	62	322	Land vehicles	6,425	704	9,226	7,542	75,468
Industrial.....	629	3,761	4,087	1,000	693	Aircraft	73	13	125	179	916
Commercial/institutional	85	636	342	13	74	Vessels	30	210	167	425	1,448
Internal combustion.....	16	52	1,055	82	187	Other (area) ¹	29,278	7	215	5,319	7,104
Industrial process (point) ¹	2,905	4,373	877	4,394	7,025	Forest wildfires	483	4	114	546	3,982
						Solvent ²	-	-	-	3,382	-
						Gasoline station ²	-	-	-	974	-
						Unpaved roads....	28,225	-	-	-	-

- Represents zero. ¹ Includes sources not shown separately. ² Evaporation loss.Source: U.S. Environmental Protection Agency, *1980 National Emissions Report of the National Emissions Data System—EPA-450/4-82-010*, unpublished.

No. 345. NATIONAL AIR POLLUTANT EMISSIONS: 1970 TO 1982

[In millions of metric tons. Metric ton=1.1023 short tons]

POLLUTANT	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Carbon monoxide.....	100.2	98.6	95.7	91.6	86.5	82.4	87.2	83.0	82.3	79.5	77.6	75.3	73.6
Sulfur dioxides.....	28.4	26.9	27.6	28.7	27.0	26.7	26.3	26.3	24.6	24.6	23.3	22.5	21.4
Volatile organic compounds	25.3	24.5	24.5	24.0	22.5	21.0	22.1	21.9	22.4	21.9	20.8	19.4	18.2
Particulates ¹	18.0	16.8	15.0	13.9	12.3	10.3	9.6	9.0	8.8	9.0	8.6	8.1	7.5
Nitrogen oxides.....	18.1	18.5	19.7	19.2	19.7	19.2	20.4	21.0	21.2	21.3	20.7	20.9	20.2

¹ Suspended particulate matter: Particles of smoke, dust, and fumes and droplets of viscous liquid remaining in the air for varying periods of time and ranging from less than 1 micron (1/25,000 inch) to 100 microns.

Source: U.S. Environmental Protection Agency, *National Air Pollutant Emission Estimates, 1940-1982*, Feb. 1984.

No. 346. AIR POLLUTANT EMISSIONS, BY POLLUTANT AND SOURCE: 1970 AND 1982

[In millions of metric tons, except percent. Metric ton=1.1023 short tons]

YEAR AND POLLUTANT	Total emissions	CONTROLLABLE EMISSIONS					Misc. un-controllable	PERCENT OF TOTAL			
		Transportation		Fuel combustion ¹		Industrial processes		Transpor-tation	Fuel combus-tion ¹	Indus-trial	
		Total	Road vehicles	Total	Electric utilities						
1970: Carbon monoxide.....	100.2	73.7	64.6	3.9	.2	9.0	6.4	7.2	79.6	3.9	9.0
Sulfur oxides.....	28.4	.6	.3	21.3	15.8	6.4	(z)	1	2.1	75.0	22.5
Volatile organic compounds.....	25.3	10.6	9.4	.9	(z)	8.7	1.8	3.3	41.9	3.6	34.4
Particulates ²	18.0	1.2	.9	4.5	2.3	10.1	1.1	1.1	5.7	25.0	56.1
Nitrogen oxides.....	18.1	7.6	6.0	9.1	4.5	.7	.4	.3	42.0	50.3	3.9
1982: Carbon monoxide.....	73.6	53.3	46.3	6.6	.3	4.8	2.1	6.8	72.4	9.0	6.5
Sulfur oxides.....	21.4	.9	.5	17.4	14.3	3.1	(z)	(z)	4.2	81.3	14.5
Volatile organic compounds.....	18.2	6.1	4.8	2.0	(z)	7.1	.6	2.4	33.5	11.0	39.0
Particulates ²	7.5	1.3	1.1	2.4	1.0	2.4	.4	1.0	17.3	32.0	32.0
Nitrogen oxides.....	20.2	9.7	7.8	9.6	6.2	.6	.1	.2	48.0	47.5	3.0

Z Less than 50,000 metric tons.

¹ Stationary.

² See footnote 1, table 345.

Source: U.S. Environmental Protection Agency, *National Air Pollutant Emission Estimates, 1940-1982*, Feb. 1984.

No. 347. RATIO OF HIGHEST REPORTED POLLUTANT CONCENTRATION TO AIR QUALITY STANDARDS—INDEX, BY SELECTED SMSA'S: 1981 AND 1982

[Pollutant concentrations reported are the highest levels measured within the SMSA(s). The index relates these reported levels for a pollutant to the National Ambient Air Quality Standards (NAAQS) for each pollutant (see table 343). For example, a reported carbon monoxide level of 13 ppm for the New York, NY-NJ SMSA is divided by the standard of 9 ppm and multiplied by 100 to give the index value of 144 for 1982. Caution should be used in attempting to compare SMSA's according to their air quality. For definition of standard metropolitan statistical area (SMSA), see Appendix II.]

STANDARD METROPOLITAN STATISTICAL AREA	CARBON MONOXIDE		SULFUR DIOXIDES		OZONE		SUSPENDED PARTICULATES		NITROGEN DIOXIDES		LEAD	
	1981	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981	1982
New York, NY-NJ.....	167	144	83	83	150	142	91	79	64	68	25	41
Los Angeles-Long Beach, CA.....	233	211	37	10	292	267	161	112	134	117	105	112
Chicago, IL.....	111	155	50	40	117	100	148	115	98	98	59	54
Philadelphia, PA-NJ.....	111	133	73	67	142	150	109	91	87	74	87	105
Detroit, MI.....	133	111	57	60	125	133	155	149	72	36	23	(NA)
San Francisco-Oakland, CA.....	78	100	17	30	117	117	75	71	51	51	29	37
Washington, DC-MD-VA.....	144	133	57	60	125	125	87	71	64	68	32	47
Dallas-Fort Worth, TX.....	78	78	10	10	125	142	103	104	32	36	57	47
Houston, TX.....	78	111	17	30	176	201	177	47	45	50	37	17
Boston, MA.....	111	233	63	60	108	133	83	95	77	68	25	72
Nassau-Suffolk, NY.....	122	111	37	40	117	108	75	72	53	62	(NA)	48
St. Louis, MO-IL.....	122	100	73	67	125	133	253	179	49	47	485	254
Pittsburgh, PA.....	122	122	150	153	133	117	133	87	64	58	60	27
Baltimore, MD.....	144	133	50	67	142	117	120	95	57	60	41	57
Minneapolis-St. Paul, MN-WI.....	144	156	60	60	83	83	133	97	53	43	207	531
Atlanta, GA.....	111	89	90	(NA)	117	117	105	84	(NA)	30	27	39
Newark, NJ.....	144	144	70	57	117	142	127	95	64	85	35	61
Anaheim-Santa Ana-Garden Grove, CA.....	133	122	23	(NA)	268	150	139	115	91	65	65	61
Cleveland, OH.....	111	100	63	77	100	108	172	135	74	70	37	28
San Diego, CA.....	100	100	23	23	200	175	127	101	81	57	60	54
Miami, FL.....	167	122	10	10	117	117	129	64	34	43	59	101
Denver-Boulder, CO.....	311	167	43	33	108	117	244	225	89	74	69	35
Seattle-Everett, WA.....	156	133	50	50	100	75	116	99	42	91	35	55
Tampa-St. Petersburg, FL.....	89	78	33	30	100	100	109	76	57	42	45	73
Riverside-San Bernardino-Ontario, CA.....	100	78	23	20	283	267	209	136	92	83	67	43
Phoenix, AZ.....	211	200	20	(NA)	133	100	237	187	21	58	93	83
Cincinnati, OH-KY-IN.....	111	89	47	50	108	108	112	104	58	64	25	34
Milwaukee, WI.....	100	100	30	33	142	108	97	83	48	53	24	25
Kansas City, MO-KS.....	167	133	63	47	100	83	128	95	26	34	29	19

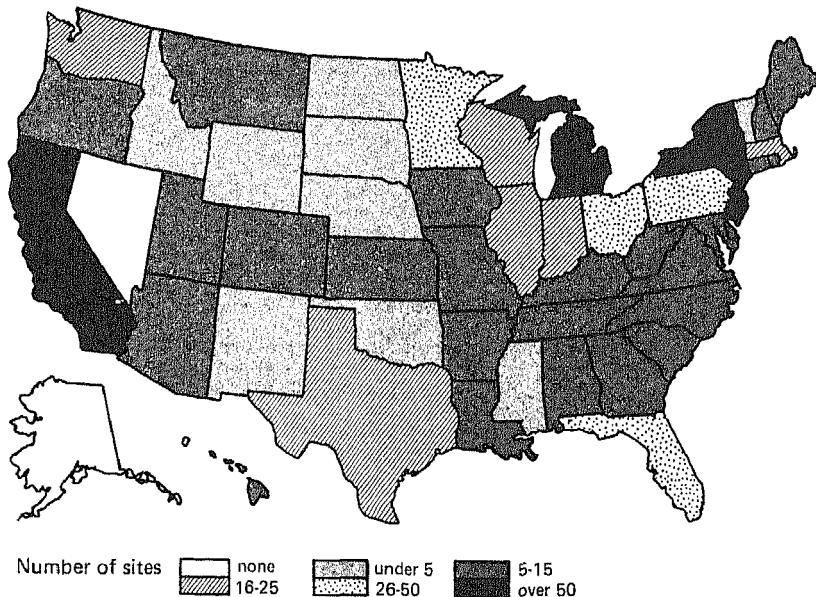
NA Not available. ¹ Incomplete reporting.

Source: U.S. Environmental Protection Agency, *National Air Quality and Emissions Trends Report, 1982*.

Figure 7.2

Hazardous Waste Sites (Final and Proposed) - Number of Sites on National Priority List, September 1984

[Represents targeted hazardous waste sites identified for action under the Comprehensive Environmental Response Compensation, and Liability Act of 1980 (also known as "Superfund"). Superfund is a national trust fund (about \$1.6 billion) established by Congress for cleaning up environmental problems when the public health or environment is threatened by hazardous wastes improperly disposed of in the past or by spills of hazardous substances]



Total sites in U.S.: 786¹

¹ Includes eight in Puerto Rico; and one each in American Samoa, Guam, Marianas, and Trust Territories.

Source: U.S. Environmental Protection Agency, Background Information, National Priorities List, September 1984.

NO. 348. SOLID WASTE DISPOSAL, BY SELECTED MANUFACTURING INDUSTRY GROUP: 1974 TO 1982

[In thousands of short tons. Excludes recovered materials. Data include both wet and dry weight figures. Excludes apparel and other textile, and, beginning 1978, establishments with less than 20 employees]

SIC ¹	INDUSTRY GROUP	1974	1975	1976	1977	1978	1979	1980	1981	1982
(X)	All Industries ²	133,325	139,051	156,826	159,954	160,753	163,678	149,873	145,796	99,429
20	Food	11,501	12,641	14,965	13,086	13,392	13,971	14,410	13,155	9,783
24	Lumber and wood	6,887	8,143	9,328	6,311	6,652	6,506	5,893	6,419	3,747
26	Paper	8,837	9,123	10,146	10,648	10,947	13,253	12,251	11,299	11,452
28	Chemicals	38,155	38,695	50,282	55,719	48,803	45,407	43,431	43,673	36,028
29	Petroleum	2,388	2,038	2,592	2,873	3,585	3,075	4,873	4,667	4,431
32	Stone, clay, glass	9,337	11,345	11,088	12,617	12,742	14,143	13,336	12,098	5,814
33	Primary metal	40,800	42,708	42,353	41,742	46,068	47,783	37,523	35,987	16,670
34	Fabricated metals	2,127	1,933	2,089	1,951	1,992	2,031	1,884	1,801	1,438
35	Machinery exc. electrical	2,714	2,720	3,087	3,581	3,410	3,524	3,000	2,818	1,630
36	Electric equipment	1,534	1,500	1,500	1,495	1,777	2,319	2,148	1,683	1,250
37	Transportation equipment	4,207	3,785	4,284	4,749	5,242	4,253	4,168	3,966	2,693

X Not applicable. ¹ Standard Industrial classification; see text, p. 388. ² Includes industries not shown separately.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA-200, annual.

No. 349. SOLID WASTE GENERATION, RECOVERY, AND DISPOSAL: 1960 TO 1980

[In millions of tons, except as indicated. Covers post-consumer residential and commercial solid wastes which comprise the major portion of typical municipal collections. Excludes mining, agricultural and industrial processing, demolition and construction wastes, sewage sludge, and junked autos and obsolete equipment wastes. Based on material-flows estimating procedure and wet weight as generated]

ITEM AND MATERIAL	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Gross waste generated.....	86.9	104.8	131.1	143.1	135.6	143.2	146.6	160.4	155.8	155.6
Per person per day (lb.).....	2.64	2.96	3.50	3.67	3.44	3.60	3.65	3.70	3.79	3.74
Net waste disposed of.....	80.8	98.4	123.4	132.6	126.7	132.5	134.9	138.9	143.6	142.8
Per person per day (lb.).....	2.45	2.77	3.30	3.40	3.21	3.33	3.36	3.42	3.50	3.44
Resources recovered.....	6.1	6.4	7.7	10.5	8.9	10.7	11.7	11.5	12.2	12.7
Per person per day (lb.).....	.18	.18	.21	.27	.23	.27	.29	.28	.30	.31
Percent of gross discards:										
Paper.....	18.8	15.8	16.0	16.3	15.5	16.1	19.8	20.1	20.0	20.6
Glass.....	1.4	1.2	1.3	2.5	2.7	2.7	3.4	3.3	3.5	4.9
Metal.....	.5	1.0	1.2	3.4	4.4	4.5	2.5	2.5	4.1	4.1
Aluminum.....	(NA)	(NA)	1.3	5.0	8.7	9.2	7.1	13.3	12.1	14.8
Rubber.....	5.7	12.5	8.2	6.1	6.9	3.9	3.4	3.3	4.0	3.9

NA Not available.

Source: U.S. Environmental Protection Agency, unpublished data from Franklin Associates, Ltd., Prairie Village, KS.

No. 350. SYNTHETIC ORGANIC PESTICIDES—PRODUCTION AND SALES: 1960 TO 1982

[Includes a small quantity of soil conditioners]

ITEM	Unit	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
Production, total.....	Mil. lb.	648	877	1,034	1,603	1,364	1,388	1,416	1,429	1,468	1,430	1,102
Herbicides.....	Mil. lb.	102	263	404	788	656	674	664	657	806	839	613
Insecticides.....	Mil. lb.	366	490	480	660	566	570	605	617	506	448	379
Fungicides.....	Mil. lb.	179	124	140	155	142	143	147	155	156	143	110
Production value ¹	Mil. dol.	307	577	1,058	2,900	2,880	3,116	3,342	3,885	4,289	5,146	4,311
Sales, total.....	Mil. lb.	570	764	881	1,317	1,193	1,265	1,300	1,383	1,406	1,291	1,147
Sales value ¹	Mil. dol.	262	497	870	2,358	2,410	2,808	3,041	3,631	4,078	4,652	4,432

¹ Manufacturers unit value multiplied by production.

Source: U.S. Dept. of Agriculture, Agricultural Stabilization and Conservation Service, *The Pesticide Review*, 1982. Based on data from U.S. International Trade Commission, *Synthetic Organic Chemicals*, annual.

No. 351. PESTICIDE RESIDUES IN HUMAN ADIPOSE TISSUE—CONCENTRATION LEVELS: 1970 TO 1979

[In parts per million (ppm). Data based on a sample of measurements of pesticide residues and associated chemicals found in human tissue collected by medical pathologists from selected cities in the conterminous 48 states as part of the National Human Adipose Tissue Monitoring Program]

PESTICIDE RESIDUES	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
DDT	8.07	8.24	7.06	6.09	5.94	4.87	4.69	3.47	3.91	3.84
Dieldrin .....	.23	.26	.22	.22	.18	.17	.15	.12	.12	.11
Oxychloroane	(NA)	.08	.14	.14	.14	.14	.14	.12	.13	.13
Heptachlor epoxide .....	.14	.11	.11	.11	.10	.11	.10	.09	.09	.10
trans-Nonachlor	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	.17	.12	.16	.17
beta-Benzene hexachloride .....	.47	.42	.33	.32	.28	.25	.26	.20	.20	.22
Hexachlorobenzene	(NA)	(NA)	(NA)	(NA)	.43	.05	.05	.05	.05	.05

NA Not available.

Source: U.S. Environmental Protection Agency, Office of Toxic Substances, "Trends of Organochlorine Pesticide Residues in Human Tissue," 1981, and unpublished data.

No. 352. THREATENED AND ENDANGERED WILDLIFE AND PLANT SPECIES—NUMBER: 1984

[As of Feb. 29. Endangered species: One in danger of becoming extinct throughout all or a significant part of its natural range. Threatened species: One likely to become endangered in the foreseeable future]

ITEM	Mammals	Birds	Reptiles	Amphibians	Fishes	Snails	Clams	Crustaceans	Insects	Plants
Endangered species, total	267	210	74	13	44	4	24	3	7	61
U.S. only	15	52	8	5	30	3	22	3	7	58
U.S. and foreign	19	14	6	~	3	~	~	~	~	3
Foreign only ¹	233	144	60	8	11	1	2	~	~	~
Threatened species, total	25	3	25	3	13	5	~	1	8	13
U.S. only	3	3	8	3	12	5	~	1	4	9
U.S. and foreign	~	~	4	~	1	~	~	~	2	2
Foreign only ¹	22	~	13	~	~	~	~	~	~	2

¹ Represents zero. ¹ Species outside U.S. and outlying areas as determined by Fish and Wildlife Service.

Source: U.S. Fish and Wildlife Service, *Endangered Species Technical Bulletin*, Mar. 1984, vol. IX, No. 3.

NO. 353. POLLUTION ABATEMENT AND CONTROL EXPENDITURES, 1974 TO 1982, AND BY MEDIA, 1982

[In millions of dollars, except percent. Excludes agricultural production of crops and livestock except feedlots]

TYPE	1974	1975	1976	1977	1978	1979	1980	1981	1982, prel.			
									Total ¹	Air	Water	Solid waste
CURRENT DOLLARS												
Total expenditures	26,281	30,923	34,681	37,962	43,416	49,904	55,368	58,638	58,342	27,003	22,198	9,790
Percent Government	28.4	28.2	27.8	26.5	27.6	26.1	24.5	21.5	21.3	3.8	33.6	33.0
Pollution abatement	24,678	29,167	32,677	35,652	40,833	47,082	52,350	55,505	55,452	25,811	21,429	9,532
Personal consumption	2,667	3,463	3,994	4,311	4,762	5,646	6,808	8,368	8,684	8,684	-	-
Durable goods	690	1,361	1,821	2,166	2,525	2,912	3,557	4,861	5,036	5,036	-	-
Nondurable goods and services	1,977	2,102	2,173	2,145	2,237	2,734	3,251	3,507	3,648	3,648	-	-
Business	15,527	18,134	20,335	22,761	25,692	30,056	33,946	36,556	36,335	16,592	14,683	6,543
Government	6,484	7,570	8,348	8,580	10,380	11,350	11,596	10,581	10,433	536	6,767	2,989
Federal	294	432	472	490	472	548	494	506	532	95	247	70
State and local	1,581	1,752	1,834	1,963	2,212	2,461	2,778	3,041	3,221	281	2,919	-
Govt. enterprise fixed capital	4,598	5,387	6,042	6,128	6,597	8,341	8,324	7,034	6,680	441	6,239	-
Regulation and monitoring	595	653	725	833	949	1,067	1,299	1,378	1,352	340	525	191
Research and development	988	1,103	1,279	1,478	1,633	1,775	1,722	1,756	1,538	851	244	67
CONSTANT (1972) DOLLARS												
Total expenditures	21,307	23,008	24,325	24,800	26,330	26,936	26,353	25,650	24,422	10,856	9,232	4,513
Pollution abatement	19,951	21,644	22,868	23,230	24,696	25,236	24,698	24,057	23,026	10,272	8,867	4,389
Personal consumption	2,116	2,589	2,857	2,945	3,068	3,100	3,211	3,820	3,897	3,897	-	-
Business	12,372	13,057	13,789	14,315	15,011	15,651	15,409	15,132	14,320	6,152	5,724	3,005
Government	5,463	5,998	6,221	5,970	6,619	6,486	6,078	5,105	4,809	223	3,143	1,384
Regulation and monitoring	515	517	538	577	620	653	728	718	635	157	246	92
Research and development	840	847	920	993	1,014	1,046	927	875	761	427	119	32

- Represents zero. ¹ Includes "other and unallocated" expenditures (such as for noise, radiation, and pesticide pollution and business expenditures not assigned to media) which may be either positive or negative. Therefore, data may not add.

NO. 354. AIR AND WATER POLLUTION ABATEMENT AND CONTROL EXPENDITURES IN CONSTANT (1972) DOLLARS: 1974 TO 1982

[In millions of dollars. See headnote, table 353]

YEAR	AIR						WATER					
	Total	Mobile sources ¹			Stationary sources			Total	Industrial		Public sewer systems ⁴	
		Total	Cars	Trucks	Total ²	Facilities	Operations ³		Facilities	Operations ³	Facilities	Operations ³
1974.....	7,428	3,315	2,751	564	4,113	2,745	1,216	8,535	1,596	1,023	4,482	1,435
1975.....	8,514	4,119	3,362	757	4,395	2,926	1,317	9,298	1,945	1,062	4,765	1,524
1976.....	8,912	4,579	3,610	970	4,333	2,638	1,498	9,916	2,138	1,210	4,980	1,609
1977.....	9,104	4,820	3,711	1,109	4,284	2,457	1,621	9,923	2,050	1,337	4,795	1,740
1978.....	9,435	5,142	3,756	1,385	4,293	2,377	1,724	10,823	1,928	1,525	5,493	1,877
1979.....	9,974	5,425	3,717	1,708	4,549	2,498	1,829	10,692	1,809	1,617	5,323	1,944
1980.....	10,215	5,545	4,003	1,542	4,672	2,541	1,867	9,943	1,698	1,530	4,787	1,829
1981.....	10,816	6,447	4,916	1,531	4,369	2,255	1,864	8,662	1,425	1,525	3,745	1,867
1982, prel.....	10,272	6,349	4,752	1,597	3,923	2,000	1,667	8,282	1,329	1,481	3,423	2,048

¹ Excludes expenditures to reduce emissions from sources other than cars and trucks. ² Includes other expenditures not shown separately. ³ Operation of facilities. ⁴ Includes expenditures for private connectors to sewer systems, by owners of animal feedlots, and by government enterprises.

NO. 355. FEDERAL GRANTS-IN-AID TO STATE AND LOCAL GOVERNMENTS FOR POLLUTION ABATEMENT AND CONTROL: 1972 TO 1982

[In millions of dollars]

ACTIVITY	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
CURRENT DOLLARS											
Pollution abatement and control.....	922.8	1,056.9	2,241.8	2,889.6	3,385.9	4,060.5	4,149.8	5,098.7	5,239.9	4,988.4	4,770.4
Pollution abatement.....	758.0	915.9	2,112.0	2,720.8	3,189.1	3,814.9	3,878.8	4,797.2	4,926.9	4,684.3	4,474.8
Regulation and monitoring.....	65.7	76.2	91.1	101.6	151.4	194.3	214.2	230.9	249.1	276.6	259.9
Research and development.....	99.1	64.8	38.7	47.2	45.4	51.3	56.8	70.6	63.9	28.0	35.7
CONSTANT (1972) DOLLARS ¹											
Pollution abatement and control.....	922.8	982.9	1,906.1	2,304.0	2,545.6	2,847.3	2,644.1	2,914.0	2,777.0	2,440.5	2,220.0
Pollution abatement.....	758.0	850.5	1,794.2	2,186.4	2,401.3	2,679.1	2,470.6	2,733.9	2,607.5	2,291.7	2,081.5
Regulation and monitoring.....	65.7	71.0	77.9	79.4	109.8	131.6	135.6	136.8	134.3	134.1	120.7
Research and development.....	99.1	61.4	34.0	38.2	34.5	36.6	37.9	43.3	35.2	14.7	17.8

¹ Estimates are derived using measures of price change of goods and services purchased by state and local governments for pollution abatement and control.

Source of tables 353-355: U.S. Bureau of Economic Analysis, Survey of Current Business, February 1984.

NO. 356. NEW CAPITAL BUSINESS EXPENDITURES FOR POLLUTION ABATEMENT: 1975 TO 1984

SIC ¹	INDUSTRY	POLLUTION ABATEMENT EXPENDITURES (bil. dol.)									PERCENT OF TOTAL CAPITAL OUTLAYS BY BUSINESS ³		
		1975	1980	1981	1982	1983				1984 ² planned	1975	1980	1984 ²
						Total	Air	Water	Solid waste				
(X)	Total nonfarm business....	6.97	9.20	8.93	8.49	7.24	3.86	2.90	.88	7.64	4.4	3.1	2.2
(X)	Manufacturing	4.93	5.52	5.42	4.72	4.01	1.72	1.94	.36	4.31	9.0	4.8	3.8
(X)	Durable goods ⁴	1.90	2.27	1.97	1.76	1.33	.65	.55	.13	1.62	7.2	3.8	2.6
33	Primary metals	1.02	.98	.78	.76	.36	.19	.15	.02	.50	17.5	12.7	6.9
35	Machinery, except elec- trical .....	.09	.15	.15	.18	.26	.08	.15	.04	.28	1.8	1.3	1.9
36	Electrical machinery .....	.09	.16	.18	.15	.14	.04	.08	.01	.15	2.8	1.6	1.1
37	Transportation equip- ment .....	.16	.52	.46	.40	.30	.17	.10	.03	.33	2.7	2.9	2.0
(X)	Nondurable goods ⁴	3.03	3.25	3.46	2.98	2.68	1.06	1.30	.23	2.69	10.6	5.7	4.0
20	Food, incl. beverage.....	.29	.27	.30	.38	.25	.13	.10	.02	.20	7.2	3.7	3.0
26	Paper .....	.56	.39	.38	.30	.25	.16	.07	.02	.39	16.7	5.8	5.5
28	Chemicals .....	.82	.73	.88	.67	.57	.24	.28	.05	.55	10.8	5.8	3.8
29	Petroleum	1.27	1.71	1.76	1.50	1.55	.51	.91	.12	1.50	13.2	8.3	5.7
(X)	Nonmanufacturing ⁴	2.04	3.69	3.51	3.77	3.23	1.94	.96	.32	3.33	2.0	2.1	1.6
(S)	Mining .....	.14	.48	.46	.52	.28	.08	.14	.05	.26	2.3	3.8	1.8
49	Public utilities	1.51	2.88	2.80	3.00	2.77	1.78	.75	.24	2.85	7.5	8.1	6.4

X Not applicable. ¹ Standard Industrial Classification, see text, p. 388. ² Expenditures planned as of January and February 1984. ³ Based on outlays reported in source; see also table 896. ⁴ Includes industries not shown separately.

^a Includes SIC groups 10, 11, 12, and 13.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, June 1984 and earlier issues.

NO. 357. POLLUTION ABATEMENT CAPITAL EXPENDITURES AND OPERATING COSTS, 1978 TO 1982,
AND BY SELECTED MANUFACTURING INDUSTRY GROUP, 1982

[In millions of dollars. Based on probability sample of about 20,000 manufacturing establishments. Excludes apparel and other textile establishments and establishments with less than 20 employees. Data will not agree with those shown in table 356; see source for details]

YEAR AND INDUSTRY GROUP	POLLUTION ABATEMENT CAPITAL EXPENDITURES				POLLUTION ABATEMENT GROSS OPERATING COSTS ¹			
	Total	Air	Water	Solid waste	Total	Air	Water	Solid waste
1978.....	3,279.3	1,853.6	1,246.5	178.9	6,275.7	2,527.4	2,529.9	1,218.2
1979.....	3,564.5	2,071.9	1,245.7	246.8	7,399.9	3,061.8	3,015.6	1,322.5
1980.....	3,502.9	2,105.5	1,148.5	251.0	8,141.8	3,297.8	3,193.1	1,650.6
1981.....	3,484.9	2,193.6	1,028.4	263.1	9,109.9	3,697.8	3,554.3	1,855.7
All Industries, 1982 ²	3,024.1	1,828.2	977.4	218.5	8,585.0	3,455.9	3,488.5	1,619.9
Paper.....	313.4	190.0	98.7	29.7	798.0	206.7	455.2	134.0
Chemicals.....	627.6	272.8	258.5	98.3	2,106.5	556.1	1,112.3	438.2
Petroleum.....	712.1	533.2	165.7	13.1	1,800.8	1,195.1	472.0	133.7
Primary metal.....	569.8	423.1	133.7	13.0	1,513.6	897.2	448.4	157.6

¹ Includes payments to governmental units. ² Includes industries not shown separately.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA-200, annual.

NO. 358. TORNADOES, FLOODS, AND TROPICAL CYCLONES: 1946 TO 1982

[See also *Historical Statistics, Colonial Times to 1970*, series J 268-278]

ITEM	1946- 1955	1956- 1965	1966- 1975	1974	1975	1976	1977	1978	1979	1980	1981	1982
Tornadoes, number ¹	2,969	6,572	8,030	947	920	835	852	788	852	866	783	1,046
Lives lost, total.....	1,751	924	1,172	361	60	44	43	53	84	28	24	64
Most in a single tornado.....	169	44	58	34	9	5	22	16	42	5	5	10
Property loss of \$500,000 and over.....	130	191	428	107	42	46	46	59	73	92	55	92
Floods: Lives lost.....	808	557	1,528	121	114	187	212	125	103	97	90	155
Property loss (mil. dol.).....	3,350	2,721	10,225	576	1,051	1,000	1,393	1,000	4,000	1,500	1,000	3,500
North Atlantic tropical cyclones and hurricanes: ²												
Number reaching U.S. coast.....	40	33	25	1	1	2	1	2	5	2	2	1
Hurricanes only.....	21	14	13	1	1	1	1	1	3	2	-	-
Lives lost in U.S.	495	692	504	1	21	9	-	35	11	2	-	-

¹ Represents zero. ² A violent, rotating column of air descending from a cumulonimbus cloud in the form of a tubular- or funnel-shaped cloud, usually characterized by movements along a narrow path and wind speeds from 100 to over 300 miles per hour. Also known as a "twister" or "waterspout." ³ Tropical cyclones have maximum winds of 38 to 73 miles per hour; hurricanes have maximum winds of 74 miles per hour or higher.

Source: U.S. National Oceanic and Atmospheric Administration, 1946-1980, *Climatological Data: National Summary*, monthly with annual summary; thereafter, *Storm Data*, monthly.

NO. 359. NORMAL DAILY MEAN TEMPERATURE—SELECTED CITIES

(In Fahrenheit degrees. Airport data except as noted. Based on standard 30-year period, 1951 through 1980. See *Historical Statistics, Colonial Times to 1970*, series J 110-136 and J 164-267, for related data)

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
AL	Mobile	50.8	53.6	60.1	68.0	74.9	80.5	82.2	81.8	78.2	68.5	58.6	53.1	67.5
AK	Juneau	21.8	27.8	31.2	39.1	46.5	52.7	55.7	54.6	49.2	41.8	32.7	26.8	40.0
AZ	Phoenix	52.3	56.1	60.6	68.0	77.0	86.5	92.3	89.9	84.6	73.4	60.6	53.3	71.2
AR	Little Rock	39.9	44.1	52.2	62.4	70.5	78.5	82.1	81.0	74.3	63.1	51.2	43.2	61.9
CA	Los Angeles	56.0	57.1	57.4	59.5	62.4	65.6	69.0	70.3	69.5	68.3	61.2	57.0	62.6
	Sacramento	45.3	50.3	53.2	58.2	64.9	71.2	75.6	74.7	71.7	63.9	53.0	45.6	60.6
	San Francisco	48.5	51.6	52.8	54.8	57.8	60.8	62.2	63.0	63.9	60.6	54.5	49.2	56.6
CO	Denver	29.5	33.6	38.0	47.4	57.2	67.0	73.3	71.4	62.6	51.9	38.7	32.6	50.3
CT	Hartford	25.2	27.6	36.8	46.8	59.4	66.6	73.4	71.3	63.3	52.4	41.6	29.1	49.8
DE	Wilmington	31.2	33.2	41.8	52.4	62.2	71.2	76.0	74.8	67.9	56.3	45.6	35.5	54.0
DC	Washington	35.2	37.5	45.8	56.7	66.0	74.5	78.9	77.6	71.1	59.3	48.7	38.9	57.5
FL	Jacksonville	53.3	55.1	61.3	67.7	74.1	79.0	81.3	81.0	78.2	69.5	60.8	54.8	68.0
	Miami	67.1	67.8	71.7	75.3	78.5	81.0	82.4	82.8	81.8	77.9	72.8	68.5	75.6
GA	Atlanta	41.9	44.8	52.5	61.8	69.3	75.8	78.6	78.2	73.0	62.2	52.0	44.5	61.2
HI	Honolulu	72.6	72.9	74.4	75.7	77.5	79.1	80.1	80.1	80.6	79.5	76.6	74.0	77.0
ID	Boise	29.9	36.1	41.4	48.6	57.4	65.8	74.6	72.0	63.2	51.9	39.7	32.0	51.1
IL	Chicago	21.4	26.0	36.0	48.8	59.1	68.6	73.0	71.9	64.7	53.5	39.8	27.7	49.2
IN	Peoria	21.5	26.8	37.3	51.3	61.6	71.2	75.0	73.1	65.6	53.9	39.8	27.8	50.4
IA	Indianapolis	26.0	29.9	34.0	52.4	62.5	71.6	75.1	73.2	66.8	54.8	41.8	31.5	52.1
KS	Des Moines	18.6	24.5	35.1	50.5	62.1	71.8	76.3	73.9	65.1	54.2	38.6	25.7	49.7
KY	Wichita	29.8	35.1	44.1	56.3	65.9	76.1	81.4	79.7	70.6	59.1	44.3	34.4	56.4
LA	Louisville	32.5	35.9	45.1	55.6	65.4	73.7	77.6	76.4	69.9	57.7	46.1	37.2	56.2
	New Orleans	52.4	54.7	61.4	68.7	74.9	80.3	82.1	81.7	78.5	69.2	60.0	54.6	68.2
ME	Portland	21.5	23.0	32.1	42.8	52.8	62.2	68.1	66.8	65.8	48.4	38.4	25.8	45.0
MD	Baltimore	32.3	34.7	43.3	54.0	63.4	72.2	76.8	75.6	68.9	56.9	46.3	36.5	55.1
MA	Boston	28.6	30.7	38.4	48.7	58.5	68.0	73.5	71.9	64.6	54.8	45.2	33.7	51.5
MI	Detroit	23.4	25.8	35.0	47.4	58.1	67.7	71.9	70.5	63.3	51.9	39.5	28.5	48.6
MN	Saint Paul	13.3	14.3	23.9	38.1	49.7	58.4	63.5	62.9	54.8	45.3	32.8	19.7	39.7
	Duluth	6.3	12.0	22.9	38.3	50.3	59.4	65.3	63.2	54.0	44.2	28.2	13.8	38.2
MS	Minneapolis-St. Paul	11.2	17.5	29.2	46.0	58.5	68.1	73.1	70.6	60.6	49.8	33.2	19.2	44.7
MO	Jackson	45.7	49.1	56.3	65.1	72.5	79.2	81.9	81.2	76.4	65.0	54.9	48.8	64.6
	Kansas City	25.9	32.1	41.5	54.8	64.6	73.6	78.5	76.7	68.4	57.5	43.1	31.9	54.1
MT	St. Louis	28.8	33.8	43.2	56.1	65.6	74.8	78.9	77.0	69.7	57.9	44.8	34.2	55.4
	Great Falls	18.7	26.7	31.4	42.7	53.2	61.9	69.3	67.5	57.4	47.9	34.0	25.7	44.7
NE	Omaha	20.2	27.2	37.3	52.2	63.3	73.0	77.7	75.2	65.8	54.5	39.5	27.2	51.1
NV	Reno	32.2	37.4	40.6	46.4	54.6	62.4	69.5	66.9	60.2	50.3	39.7	32.5	49.4
NH	Concord	19.9	22.2	32.1	44.1	55.2	64.7	69.5	67.3	59.1	48.2	37.3	24.5	45.3
NJ	Atlantic City	31.8	33.2	41.0	51.0	60.5	69.2	74.4	73.0	66.8	55.5	45.6	35.8	63.1
NM	Albuquerque	34.8	39.4	46.2	55.1	64.3	74.5	78.8	71.6	69.0	57.4	44.0	35.6	56.2
NY	Albany	21.1	23.4	33.6	46.6	57.5	66.7	71.4	69.2	61.2	50.6	39.3	26.5	47.3
	Buffalo	23.5	24.5	33.0	45.4	56.1	66.0	70.7	68.9	62.1	51.5	40.3	28.8	47.6
NC	New York ¹	31.8	33.4	41.4	52.4	62.5	71.4	76.7	75.4	68.3	57.7	47.2	36.2	54.5
	Charlotte	40.5	42.9	50.4	60.3	68.2	75.0	78.5	77.9	72.0	60.7	50.7	42.6	60.0
ND	Raleigh	39.6	41.6	49.3	59.5	67.2	73.9	77.7	77.0	71.0	59.7	50.0	42.0	59.0
	Bismarck	6.7	14.5	26.0	42.5	54.9	64.3	70.4	68.8	57.3	46.1	28.6	15.4	41.3
OH	Cincinnati	30.3	33.5	43.0	54.7	64.3	72.4	76.1	75.0	68.5	56.7	44.6	34.9	54.5
	Cleveland	25.5	27.4	36.6	48.1	58.2	67.6	71.6	70.4	64.1	53.2	41.8	31.1	49.6
OK	Columbus	27.1	29.8	40.0	51.4	61.4	70.2	73.8	72.4	65.8	53.9	42.1	32.1	51.7
OR	Oklahoma City	35.9	40.8	49.1	60.2	68.4	77.0	82.1	81.1	73.3	62.3	48.8	39.9	59.9
PA	Portland	38.9	43.2	45.9	50.4	56.7	62.5	67.7	67.3	62.7	54.3	45.5	40.9	53.0
	Philadelphia	31.2	33.1	41.8	52.8	62.8	71.6	76.5	75.3	68.2	56.5	45.8	35.5	54.3
RI	Pittsburgh	26.7	28.8	38.5	50.1	58.7	68.1	72.0	70.8	64.1	52.5	41.6	31.4	50.3
SC	Providence	28.2	28.3	37.4	47.9	57.6	66.8	72.5	71.1	63.5	53.2	43.4	32.3	50.3
SD	Columbia	44.7	47.1	54.5	63.8	71.5	77.7	81.0	80.2	74.8	63.4	53.9	46.7	63.3
TN	Sioux Falls	12.4	19.1	30.4	46.3	58.2	68.4	74.0	71.8	61.0	49.4	33.0	18.7	45.3
	Memphis	39.6	43.5	51.7	62.6	71.0	78.7	82.1	80.6	74.2	62.9	51.3	43.3	61.8
	Nashville	37.1	40.4	49.0	59.6	68.1	75.8	79.4	78.4	72.3	60.2	48.6	40.9	59.2
TX	Dallas-Fort Worth	44.0	48.5	56.1	65.9	73.7	82.0	86.3	85.5	78.6	67.9	55.6	47.8	66.0
	El Paso	44.2	48.4	55.1	63.6	71.9	80.8	82.5	80.3	74.1	63.6	51.4	44.4	63.4
	Houston	51.4	54.5	61.0	68.7	74.9	80.8	83.1	82.6	78.4	68.7	60.1	54.0	68.3
UT	Salt Lake City	28.6	34.1	40.7	49.2	58.8	68.3	77.5	74.9	65.0	53.0	39.7	30.3	51.7
VT	Burlington	16.6	18.1	29.2	42.7	55.2	64.9	69.6	67.1	58.8	47.9	36.8	22.6	44.1
VA	Norfolk	39.3	41.1	48.5	56.2	66.4	74.3	78.4	77.7	72.2	61.3	51.9	43.5	59.5
	Richmond	38.8	38.9	47.2	57.9	66.1	73.5	77.8	76.8	70.2	58.6	48.9	39.8	57.7
WA	Seattle-Tacoma	39.1	42.8	44.2	48.7	55.0	60.2	64.8	64.1	60.0	52.5	44.8	41.0	51.4
	Spokane	25.7	32.4	37.6	45.8	54.3	61.7	69.7	68.1	59.4	47.8	34.9	29.0	47.2
WV	Charleston	32.9	35.6	44.8	55.3	63.9	71.0	74.5	73.7	67.6	55.9	45.3	36.9	54.8
WI	Milwaukee	18.7	23.0	32.1	44.6	54.8	64.9	70.5	69.3	61.9	50.9	37.3	25.1	46.1
WY	Cheyenne	26.1	29.3	32.1	41.8	52.2	62.0	68.9	66.8	57.9	47.5	34.8	29.3	45.7
PR	San Juan	76.5	76.6	77.5	78.8	80.3	81.7	82.0	82.2	81.9	81.4	79.6	77.7	79.7

¹ City office data.Source: U.S. National Oceanic and Atmospheric Administration, *Climatology of the United States*, No. 81, Sept. 1982.

Maximum Temperature

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NO. 360. NORMAL DAILY MAXIMUM TEMPERATURE—SELECTED CITIES

[In Fahrenheit degrees. Airport data except as noted. Based on standard 30-year period, 1951 through 1980]

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
AL	Mobile	60.6	63.9	70.3	78.3	84.9	90.2	91.2	90.7	87.0	79.4	69.3	63.1	77.4
AK	Juneau	27.4	33.7	37.4	46.8	54.7	61.1	64.0	62.6	55.9	47.0	37.5	31.5	46.6
AZ	Phoenix	65.2	69.7	74.5	83.1	92.4	102.3	105.0	102.3	98.2	87.7	74.3	66.4	85.1
AR	Little Rock	49.8	54.5	63.2	73.8	81.7	89.5	92.7	92.3	85.6	75.8	62.4	53.2	72.9
CA	Los Angeles	64.6	65.5	85.1	66.7	69.1	72.0	75.3	76.5	76.4	74.0	70.3	66.1	70.1
	Sacramento	52.6	59.4	64.1	71.0	79.7	87.4	93.3	91.7	87.6	77.7	63.2	53.2	73.4
	San Francisco	55.5	59.0	60.6	63.0	66.3	69.6	71.0	71.6	73.4	70.0	82.7	56.3	64.9
CO	Denver	43.1	46.9	51.2	61.0	70.7	81.6	88.0	85.8	77.5	66.8	52.4	46.1	84.3
CT	Hartford	33.6	36.3	45.5	60.0	71.4	80.1	84.8	82.6	74.8	63.9	50.6	37.3	60.1
DE	Wilmington	39.2	41.8	50.9	63.0	72.7	81.2	85.6	84.1	77.8	66.7	54.8	43.8	63.5
DC	Washington	42.9	45.9	55.0	67.1	75.9	84.0	87.9	86.4	80.1	69.9	57.4	46.6	66.5
FL	Jacksonville	64.6	66.8	73.3	79.7	85.2	88.9	90.7	90.2	86.9	79.7	72.4	68.3	78.7
	Miami	75.0	75.8	79.3	82.4	85.1	87.3	88.7	89.2	87.8	84.2	79.8	76.2	82.6
GA	Atlanta	51.2	55.2	63.2	73.2	79.8	85.6	87.9	87.6	82.3	72.9	62.9	54.1	71.3
HI	Honolulu	79.9	80.4	81.4	82.7	84.8	86.2	87.1	88.3	88.2	86.7	83.9	81.4	84.2
ID	Bonneville	37.1	44.3	51.8	60.8	70.8	78.8	90.6	87.3	77.6	64.6	49.0	39.3	62.8
IL	Chicago	29.2	33.9	44.3	58.8	70.0	79.4	83.3	82.1	75.5	64.1	48.2	35.0	58.7
IN	Indianapolis	34.2	38.5	49.3	63.1	73.4	82.3	85.2	83.7	77.9	66.1	50.8	39.2	62.0
IA	Des Moines	27.0	33.2	44.2	61.0	72.6	81.8	86.2	84.0	75.7	65.0	47.8	33.7	59.3
KS	Wichita	39.8	46.1	55.8	68.1	77.1	87.4	92.9	91.5	82.0	71.2	55.1	44.6	67.6
KY	Louisville	40.8	45.0	54.9	67.5	76.2	84.0	87.6	85.7	80.6	89.2	55.5	45.4	66.1
LA	New Orleans	61.8	64.6	71.2	78.6	84.5	89.5	90.7	90.2	86.8	79.4	70.1	64.4	77.7
ME	Portland	31.0	33.1	40.5	52.5	63.4	72.8	78.9	77.5	69.6	59.0	47.1	34.9	55.0
MD	Baltimore	41.0	43.7	53.1	65.1	74.2	82.9	87.1	85.5	79.1	67.7	55.9	45.1	65.0
MA	Boston	36.4	37.7	45.0	56.6	67.0	76.8	81.8	79.8	72.3	62.5	51.6	40.3	59.0
MI	Detroit	30.6	33.5	43.4	57.7	69.4	79.0	83.1	81.5	74.4	62.5	47.6	35.4	58.2
MN	Sault Ste. Marie	21.2	23.1	32.2	47.1	61.0	70.1	75.1	73.4	64.2	53.8	39.0	26.6	48.9
MT	Duluth	15.5	21.7	31.9	47.6	61.3	70.5	76.4	73.6	63.6	53.0	35.2	21.8	47.7
MS	Minneapolis-St. Paul	19.9	26.4	37.5	56.0	69.4	78.5	83.4	80.9	71.0	59.7	41.1	26.7	54.2
MO	Jackson	56.5	60.9	68.4	77.3	84.1	90.5	92.5	92.1	87.6	78.6	67.5	60.0	76.3
NY	Kansas City	34.5	41.1	51.3	65.1	74.6	83.3	89.5	86.8	78.8	67.9	52.1	40.1	63.7
NC	St. Louis	37.6	43.1	53.4	67.1	76.4	85.2	89.0	87.4	80.7	69.1	54.0	42.6	65.5
ND	Great Falls	28.2	36.5	41.7	54.0	65.3	74.3	84.2	82.0	70.5	59.5	43.5	34.7	56.2
NE	Omaha	30.2	37.3	47.7	64.0	74.7	84.2	88.5	86.2	77.5	67.0	50.3	36.9	62.0
NV	Reno	44.8	51.1	55.8	63.3	72.3	81.8	81.3	88.7	81.4	70.0	55.6	46.2	66.9
NH	Concord	30.8	33.2	41.9	56.5	68.9	77.7	82.6	80.1	71.8	61.0	47.2	34.4	57.2
NJ	Atlantic City	40.6	42.4	50.3	61.6	71.0	79.6	84.0	82.5	76.7	66.1	55.4	45.0	62.9
NM	Albuquerque	47.2	52.8	60.7	70.6	79.9	90.6	92.8	89.4	83.0	71.7	57.2	48.0	70.3
NY	Albany	30.2	32.7	42.5	57.6	69.5	78.3	83.2	80.7	72.8	61.5	47.8	34.6	57.6
NC	Buffalo	30.0	31.4	40.4	54.4	65.9	75.6	80.2	78.2	71.4	60.2	47.0	35.0	55.8
NY	New York ¹	38.0	40.1	48.6	61.1	71.5	80.1	85.3	83.7	76.4	65.6	53.6	42.1	62.2
NC	Charlotte	50.3	53.6	61.6	72.1	79.1	85.2	88.3	87.6	81.7	71.7	61.7	52.6	70.5
ND	Raleigh	50.1	52.8	61.0	72.3	79.0	85.2	88.2	87.1	81.6	71.6	61.8	52.7	70.3
ND	Bismarck	17.5	25.2	36.4	54.2	67.7	76.8	84.4	83.3	71.4	59.3	39.4	25.9	53.5
OH	Cincinnati	38.0	42.0	52.3	65.2	75.0	82.9	86.3	85.7	79.4	67.4	52.8	42.2	64.1
	Cleveland	32.5	34.8	44.8	57.9	68.5	78.0	81.7	80.3	74.2	62.7	49.3	37.5	58.5
	Columbus	34.7	38.1	49.3	62.3	72.6	81.3	84.4	83.0	76.9	65.0	50.7	39.4	61.5
OK	Oklahoma City	46.8	52.2	61.0	71.7	79.0	87.6	92.5	92.8	84.7	74.3	59.9	50.7	71.2
OR	Portland	44.3	50.4	64.5	60.2	66.9	72.7	79.5	76.6	74.2	63.9	52.3	46.4	62.0
PA	Philadelphia	38.6	41.1	50.5	63.2	73.0	81.7	86.1	84.6	77.8	66.5	54.5	43.0	63.4
RI	Pittsburgh	34.1	36.8	47.6	60.7	70.8	79.1	82.7	81.1	74.8	62.9	49.8	38.4	59.9
SC	Providence	36.4	37.7	45.5	57.5	67.6	76.6	81.7	80.3	73.1	63.4	51.9	40.5	59.3
SD	Columbia	56.2	59.5	67.1	77.0	83.8	89.2	91.9	91.0	85.6	76.5	67.1	58.8	75.3
SD	Sioux Falls	22.9	29.3	40.1	58.1	70.5	80.3	86.2	83.9	73.5	62.1	43.7	29.3	56.7
TN	Memphis	48.3	53.0	61.4	72.8	81.0	88.4	91.5	90.3	84.3	74.5	61.4	52.3	71.6
	Nashville	46.3	50.7	58.6	71.2	79.2	86.7	89.8	88.0	83.2	72.3	59.2	50.4	69.8
TX	Dallas-Fort Worth	54.0	59.1	67.2	76.8	84.4	93.2	97.8	97.3	89.7	79.5	68.2	58.1	76.9
	El Paso	57.9	62.7	69.6	78.7	87.1	95.9	95.3	93.0	87.5	78.5	65.7	58.2	77.5
	Houston	61.9	65.7	72.1	79.0	85.1	90.9	93.6	93.1	88.7	81.9	71.6	65.2	79.1
UT	Salt Lake City	37.4	43.7	51.5	61.1	72.4	83.3	93.2	90.0	80.0	66.7	50.2	38.9	64.0
VT	Burlington	25.4	27.3	37.7	52.6	65.4	75.8	80.5	77.6	68.8	57.0	43.6	30.3	53.6
VA	Norfolk	48.1	49.9	57.5	68.2	75.7	83.2	86.9	85.7	80.2	69.8	60.8	51.9	68.2
	Richmond	46.7	49.6	56.5	70.6	77.9	84.8	88.4	87.1	81.0	70.5	60.5	50.2	68.8
WA	Seattle-Tacoma	43.9	48.8	51.1	56.8	64.0	69.2	75.2	73.9	68.7	59.5	50.3	45.6	58.9
	Spokane	31.3	39.0	46.2	56.7	66.1	74.0	84.0	81.7	72.4	58.3	41.4	34.2	57.1
WV	Charleston	41.8	45.4	55.4	67.3	76.0	82.5	85.2	84.2	78.7	67.7	55.6	45.9	65.5
WI	Milwaukee	26.0	30.1	39.2	53.5	64.8	75.0	79.8	78.4	71.2	59.9	44.7	32.0	54.6
WY	Cheyenne	37.3	40.7	43.6	54.0	64.6	75.4	89.1	80.8	72.1	61.0	46.5	40.4	58.3
PR	San Juan	82.7	83.2	84.2	85.2	86.7	89.0	87.9	88.2	88.2	87.9	85.7	83.6	86.0

¹ City office data.Source: U.S. National Oceanic and Atmospheric Administration, *Climatology of the United States*, No. 81, Sept. 1982.

Geography and Environment

NO. 361. NORMAL DAILY MINIMUM TEMPERATURE—SELECTED CITIES

[In Fahrenheit degrees. Airport data except as noted. Based on standard 30-year period, 1951 through 1980]

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
AL	Mobile	40.9	43.2	49.8	57.7	64.8	70.8	73.2	72.9	69.3	67.5	47.9	42.9	57.6
AK	Juneau	16.1	21.9	25.0	31.3	38.1	44.2	47.4	46.6	42.3	36.5	28.0	22.1	33.3
AZ	Phoenix	39.4	42.5	46.7	53.0	61.5	70.6	79.5	77.5	70.9	58.1	46.9	40.2	57.3
AR	Little Rock	29.9	33.6	41.2	50.9	59.2	67.5	71.4	69.6	63.0	50.4	40.0	33.2	50.8
CA	Los Angeles	47.3	48.6	49.7	52.2	55.7	59.1	62.6	64.0	62.5	58.5	52.1	47.8	55.0
	Sacramento	37.9	41.2	42.4	46.3	50.1	55.1	57.9	57.6	55.4	50.0	42.8	37.9	47.8
	San Francisco	41.5	44.1	44.9	46.6	49.3	52.0	53.3	54.2	54.3	51.2	46.3	42.2	48.3
CO	Denver	15.9	20.2	24.7	33.7	43.6	52.4	56.7	57.0	47.7	36.9	25.1	18.9	36.2
CT	Hartford	16.7	18.8	28.0	37.6	47.3	57.0	61.9	60.0	51.7	40.9	32.5	20.9	39.5
DE	Wilmington	23.2	24.6	32.6	41.8	51.7	61.2	66.3	65.4	58.0	45.9	36.4	27.3	44.5
DC	Washington	27.5	29.0	36.6	46.2	56.1	65.0	69.9	68.7	62.0	49.7	39.9	31.2	48.5
FL	Jacksonville	41.7	43.3	49.3	55.7	63.0	69.1	71.8	71.8	89.4	59.2	49.2	43.2	57.2
	Miami	59.2	59.7	64.1	68.2	71.9	74.6	76.2	76.5	75.7	71.6	65.8	60.8	69.7
GA	Atlanta	32.6	34.5	41.7	50.4	58.7	65.9	69.2	68.7	63.6	51.4	41.3	34.8	51.1
HI	Honolulu	85.3	65.3	67.3	68.7	70.2	71.9	73.1	73.8	72.9	72.2	69.2	66.5	69.7
ID	Bose	22.6	27.9	30.9	36.4	44.0	51.8	58.5	56.7	48.7	39.1	30.5	24.6	38.3
IL	Chicago	13.6	18.1	27.6	38.8	46.1	57.7	62.7	61.7	53.9	42.9	31.4	20.3	39.7
	Peoria	13.3	18.4	28.1	40.6	50.6	60.2	64.6	62.7	54.5	42.9	30.9	20.2	40.6
IN	Indianapolis	17.8	21.1	30.7	41.7	51.5	60.9	64.9	62.7	55.3	43.4	32.8	23.7	42.2
IA	Des Moines	10.1	15.8	28.0	39.9	51.6	61.4	66.3	63.7	54.4	43.3	29.5	17.6	40.0
KS	Wichita	19.4	24.1	32.4	44.5	54.8	64.7	69.8	67.9	59.2	46.9	33.5	24.2	45.1
KY	Louisville	24.1	26.8	35.2	45.6	54.6	63.3	67.5	66.1	59.1	46.2	36.6	28.9	46.2
LA	New Orleans	43.0	44.8	51.6	58.8	65.3	70.9	73.5	73.1	70.1	59.0	49.9	44.8	58.7
ME	Portland	11.9	12.9	23.7	33.0	42.1	51.4	57.3	55.8	47.7	37.9	29.6	16.7	35.0
MD	Baltimore	24.3	25.7	33.4	42.9	52.5	61.5	66.5	65.7	58.6	46.1	36.8	27.9	45.1
MA	Boston	22.6	23.7	31.8	40.8	50.0	59.3	65.1	63.9	56.9	47.1	38.7	27.1	43.9
MI	Detroit	16.1	18.0	26.5	36.8	46.7	56.3	60.7	59.4	52.2	41.2	31.4	21.6	38.9
MN	Sault Ste. Marie	5.4	5.3	15.4	29.0	38.3	46.7	51.9	52.4	45.3	36.9	26.4	12.7	30.5
MN	Duluth	-2.9	2.2	13.9	28.9	39.3	49.2	54.3	52.8	44.3	35.4	21.2	5.8	28.6
MS	Minneapolis-St. Paul	2.4	8.5	20.8	36.0	47.6	57.7	62.7	60.3	50.2	39.4	25.3	11.7	35.2
MO	Jackson	34.9	37.2	44.2	52.9	60.8	67.9	71.3	70.2	65.1	51.4	42.3	37.1	52.9
MO	Kansas City	17.2	23.0	31.7	44.4	54.5	63.8	68.5	66.5	58.1	47.0	34.0	23.7	44.4
MT	St. Louis	19.9	24.5	33.0	45.1	54.7	64.3	66.8	66.6	58.6	46.7	35.1	25.7	45.3
MT	Great Falls	9.2	16.8	21.1	31.3	41.1	49.4	54.4	53.0	44.2	36.2	24.5	16.6	33.2
NE	Omaha	10.2	17.1	26.9	40.3	51.8	61.7	66.8	64.2	54.0	42.0	28.6	17.4	40.1
NV	Reno	19.5	23.5	25.4	29.4	36.9	43.0	47.7	45.2	38.9	30.5	23.8	18.9	31.9
NH	Concord	9.0	11.0	22.2	31.6	41.4	51.6	56.4	54.5	46.2	35.5	27.3	14.5	33.4
NJ	Atlantic City	22.9	23.9	31.6	40.4	49.9	58.8	64.8	63.5	56.4	44.8	35.8	26.6	43.3
NM	Albuquerque	22.3	25.9	31.7	39.5	48.8	58.4	64.7	62.8	54.9	43.1	30.7	23.2	42.1
NY	Albany	11.9	14.0	24.6	35.5	45.4	55.0	59.6	57.6	49.6	39.4	30.8	18.2	36.8
	Buffalo	17.0	17.5	25.6	36.3	46.3	56.4	61.2	59.6	52.7	42.7	33.6	22.5	39.3
	New York ¹	25.6	26.6	34.1	43.8	53.3	62.7	68.2	67.1	60.1	49.9	40.8	30.3	46.9
NC	Charlotte	30.7	32.1	39.1	48.4	57.2	67.4	68.7	68.2	62.3	49.6	39.7	32.6	49.4
	Raleigh	29.1	30.3	37.7	46.5	55.3	62.6	67.1	66.8	60.4	47.7	36.1	31.2	47.7
ND	Bismarck	-4.2	3.7	15.6	30.8	42.0	51.8	56.4	54.2	43.2	32.8	17.7	4.8	29.1
OH	Cincinnati	22.5	25.0	33.7	44.2	53.6	61.9	65.9	64.4	57.7	46.0	36.3	27.5	44.9
	Cleveland	18.5	19.9	28.4	38.3	47.9	57.2	61.4	60.5	54.0	43.6	34.3	24.6	40.7
OK	Oklahoma City	19.4	21.5	30.6	40.5	50.2	59.0	63.2	61.7	54.6	42.8	33.5	24.7	41.8
OR	Portland	25.2	29.4	37.1	48.6	57.7	66.3	70.6	69.4	61.9	50.2	37.6	29.1	48.6
PA	Philadelphia	33.5	36.0	37.4	40.6	48.4	52.2	55.8	55.1	51.1	44.6	38.6	35.4	44.0
RI	Pittsburgh	19.2	20.7	29.4	39.4	48.5	57.1	61.3	60.1	53.3	42.1	33.3	24.3	40.7
SC	Providence	20.0	20.9	29.2	38.3	47.6	57.0	63.3	61.9	53.8	43.1	34.8	24.1	41.2
SD	Columbia	33.2	34.6	41.9	50.5	59.1	66.1	70.1	69.4	63.9	50.3	40.6	34.7	51.2
TN	Sioux Falls	1.9	8.9	20.6	34.8	45.7	56.3	61.8	59.7	48.5	36.7	22.3	10.1	33.9
	Memphis	30.9	34.1	41.9	52.2	60.9	68.9	72.6	70.8	64.1	51.3	41.1	34.3	51.9
	Nashville	27.8	30.1	38.3	48.1	56.9	64.8	69.0	67.8	61.3	48.0	38.0	31.3	48.5
TX	Dallas-Fort Worth	33.9	37.8	44.9	55.0	62.9	70.8	74.7	73.7	67.5	56.3	44.9	37.4	55.0
	El Paso	30.4	34.1	40.5	48.5	56.6	65.7	69.6	67.5	60.6	48.7	37.0	30.6	49.2
	Houston	40.8	43.2	49.8	58.3	64.7	70.2	72.5	72.1	68.1	57.5	48.6	42.7	57.4
UT	Salt Lake City	19.7	24.4	29.9	37.2	45.2	53.3	61.8	59.7	50.0	39.3	29.2	21.6	39.3
VT	Burlington	7.7	8.8	20.8	32.7	44.0	54.0	58.6	58.6	48.7	38.7	29.6	14.9	34.6
VA	Norfolk	31.7	32.3	39.4	48.1	52.7	65.3	69.9	69.6	64.2	52.8	43.0	35.0	50.7
WA	Richmond	26.5	28.1	35.8	45.1	54.2	62.2	67.2	66.4	59.3	46.7	37.3	28.6	46.5
	Seattle-Tacoma	34.3	36.8	37.2	40.5	46.0	51.1	54.3	54.3	51.2	45.3	39.3	36.3	43.8
WV	Spokane	20.0	25.7	29.0	34.9	42.5	49.3	55.3	54.3	48.5	36.7	28.5	23.7	37.2
	Charleston	23.9	25.8	34.1	43.3	51.8	59.4	63.8	63.1	58.4	44.0	35.0	27.8	44.0
WI	Milwaukee	11.3	15.8	24.9	35.6	44.7	54.7	61.1	60.2	52.6	41.9	29.9	16.2	37.6
WY	Cheyenne	14.8	17.9	20.6	28.6	39.7	48.5	54.6	52.8	43.7	34.0	23.1	18.2	33.1
PR	San Juan	70.3	70.0	70.8	72.3	73.9	75.3	76.1	76.1	75.6	74.9	73.4	71.8	73.4

¹ City office data.Source: U.S. National Oceanic and Atmospheric Administration, *Climatology of the United States*, No. 81, Sept. 1982.

Highest Temperature of Record

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No. 362. HIGHEST TEMPERATURE OF RECORD—SELECTED CITIES

[In Fahrenheit degrees. Airport data unless otherwise noted. For period of record through 1982]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
AL.....	Mobile.....	41	84	82	90	92	100	102	104	102	98	93	87	81	104
AK.....	Juneau.....	39	57	55	59	71	82	86	90	83	72	61	56	54	90
AZ.....	Phoenix.....	45	88	89	95	104	113	117	118	116	118	107	93	88	118
AR.....	Little Rock.....	41	83	84	91	92	98	104	109	108	106	97	86	80	108
CA.....	Los Angeles.....	47	88	92	93	95	97	104	97	98	110	106	101	94	110
	Sacramento.....	32	70	76	86	92	104	115	114	108	108	101	87	72	115
	San Francisco.....	55	72	78	85	92	98	104	106	104	98	103	97	85	106
CO.....	Denver.....	48	73	73	84	85	96	104	104	101	97	88	79	75	104
CT.....	Hartford.....	28	65	70	87	96	97	100	102	101	96	91	81	71	102
DE.....	Wilmington.....	35	75	74	86	91	95	99	102	101	100	91	85	72	102
DC.....	Washington.....	41	79	82	89	95	97	101	103	100	101	94	86	75	103
FL.....	Jacksonville.....	41	85	88	91	95	100	103	105	102	100	96	88	84	105
	Miami.....	40	87	89	92	96	94	98	98	98	95	95	89	87	98
GA.....	Atlanta.....	34	79	79	85	91	95	101	105	102	98	95	84	77	105
HI.....	Honolulu.....	13	87	87	88	89	90	91	91	92	92	93	89	89	93
ID.....	Boise.....	43	63	69	81	92	98	109	111	110	102	91	73	65	111
IL.....	Chicago.....	24	61	71	87	91	93	97	102	96	99	91	78	71	102
	Pearl City.....	43	68	72	82	89	92	100	103	101	100	90	81	71	103
IN.....	Indianapolis.....	43	71	74	85	89	93	102	104	100	100	90	81	74	104
IA.....	Des Moines.....	43	62	73	84	93	98	101	105	102	101	95	76	69	105
KS.....	Wichita.....	30	75	84	89	96	100	110	113	110	105	95	85	83	113
KY.....	Louisville.....	35	77	77	86	91	95	102	105	101	104	92	84	76	105
LA.....	New Orleans.....	36	83	85	89	91	96	100	101	102	101	92	86	84	102
ME.....	Portland.....	42	64	64	86	85	92	97	99	103	95	88	74	69	103
MD.....	Baltimore.....	32	75	76	87	94	98	100	102	102	99	92	83	74	102
MA.....	Boston.....	31	63	68	81	94	95	100	102	102	100	90	77	70	102
MI.....	Detroit.....	47	67	69	82	88	93	104	105	101	100	92	81	66	105
MN.....	Sault Ste. Marie.....	42	45	45	75	83	89	92	97	98	95	85	68	69	98
	Duluth.....	41	52	55	78	88	90	93	97	97	95	86	70	55	97
MS.....	Minneapolis-St. Paul.....	44	58	60	83	95	96	100	104	102	98	89	75	63	104
	Jackson.....	19	82	84	89	92	93	103	106	102	104	92	88	84	106
MO.....	Kansas City.....	10	68	76	82	90	91	91	105	107	104	98	82	72	107
	St. Louis.....	25	76	85	88	92	92	98	107	105	100	94	82	76	107
MT.....	Great Falls.....	45	62	67	78	89	93	99	105	106	98	91	76	69	106
NE.....	Omaha.....	46	69	78	89	93	99	105	114	110	104	96	80	72	114
NV.....	Reno.....	41	70	74	83	89	95	101	104	103	101	91	77	70	104
NH.....	Concord.....	41	68	66	85	95	97	98	102	101	98	90	80	68	102
NJ.....	Atlantic City.....	39	78	73	87	94	99	106	104	102	97	90	84	73	106
NM.....	Albuquerque.....	43	69	75	85	89	95	105	105	101	100	91	77	72	105
NY.....	Albany.....	26	62	67	85	92	94	99	100	99	99	90	82	65	100
	Buffalo.....	39	72	85	81	87	90	95	94	99	98	87	80	74	99
NC.....	New York ¹	114	72	75	86	96	99	101	106	104	102	94	84	72	106
	Charlotte.....	43	78	81	90	93	100	103	103	102	104	98	85	77	104
ND.....	Raleigh.....	38	79	84	92	95	97	104	105	101	104	98	88	79	105
	Bismarck.....	43	62	68	81	93	98	100	103	109	105	95	75	65	109
OH.....	Cincinnati.....	21	69	73	83	89	93	97	100	102	98	88	80	75	102
	Cleveland.....	41	73	69	83	88	92	101	103	102	101	90	82	77	103
	Columbus.....	43	74	73	85	89	94	102	100	100	99	90	80	76	102
OK.....	Oklahoma City.....	29	79	84	93	100	96	105	108	110	102	95	87	85	110
OR.....	Portland.....	42	62	70	80	87	92	100	107	107	101	90	73	64	107
PA.....	Philadelphia.....	41	74	74	87	94	96	100	104	101	100	98	81	72	104
	Pittsburgh.....	30	68	69	80	87	91	96	99	97	97	87	82	74	99
RI.....	Providence.....	29	66	72	78	88	94	96	100	104	97	86	78	69	104
SC.....	Columbia.....	35	84	84	91	94	101	107	107	106	101	91	80	83	107
SD.....	Sioux Falls.....	37	66	70	87	94	100	101	108	108	104	94	76	61	108
TN.....	Memphis.....	41	78	81	85	91	99	104	108	105	103	95	85	81	108
	Nashville.....	43	78	84	86	90	97	106	107	104	105	94	84	79	107
TX.....	Dallas-Fort Worth.....	29	88	88	96	95	99	113	110	108	105	102	89	88	113
	El Paso.....	43	80	83	88	98	104	111	112	108	104	96	84	80	112
	Houston.....	13	84	85	90	92	95	103	104	107	100	94	89	83	107
UT.....	Salt Lake City.....	54	62	69	78	85	93	104	107	104	100	89	75	67	107
VT.....	Burlington.....	39	63	62	84	91	93	96	99	101	94	85	75	65	101
VA.....	Norfolk.....	34	78	81	85	97	97	101	103	104	102	98	86	80	104
	Richmond.....	53	80	83	93	96	100	104	105	102	103	99	86	80	105
WA.....	Seattle.....	38	64	70	72	85	93	96	98	99	98	94	82	74	98
	Spokane.....	35	59	61	71	80	92	100	103	108	106	98	86	67	108
WV.....	Charleston.....	35	79	78	87	91	93	98	102	100	102	92	85	80	102
WI.....	Milwaukee.....	42	62	65	81	91	92	99	101	100	98	89	77	63	101
WY.....	Cheyenne.....	47	66	71	73	82	90	100	100	95	93	83	73	69	100
PR.....	San Juan.....	28	92	92	94	94	96	96	95	97	97	98	96	91	98

¹ City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

Geography and Environment

NO. 363. LOWEST TEMPERATURE OF RECORD—SELECTED CITIES

[In Fahrenheit degrees. Airport data unless otherwise noted. For period of record through 1982]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
AL	Mobile	41	7	11	21	36	43	56	60	59	42	32	22	10	7
AK	Juneau	39	-22	-22	-15	6	25	31	35	27	23	12	-5	-21	-22
AZ	Phoenix	45	17	22	25	32	40	50	61	60	47	34	25	22	17
AR	Little Rock	41	-4	-5	11	28	40	46	54	52	37	30	17	-1	-5
CA	Los Angeles	47	23	32	34	39	43	48	49	51	47	41	34	32	23
	Sacramento	32	23	26	26	32	36	41	49	49	43	36	26	20	20
	San Francisco	55	24	25	30	31	36	41	43	42	38	34	25	20	20
CO	Denver	48	-25	-30	-11	-2	22	30	43	41	20	3	-8	-18	-30
CT	Hartford	28	-26	-21	-6	9	28	37	44	38	30	17	12	-14	-26
DE	Wilmington	35	-10	-6	8	18	30	41	50	43	36	24	14	2	-10
DC	Washington	41	-5	4	11	24	34	47	55	51	39	29	16	1	-5
FL	Jacksonville	41	13	19	23	35	45	55	61	64	48	36	21	12	12
	Miami	40	31	32	32	46	53	65	69	68	69	51	39	34	31
GA	Atlanta	34	-5	5	10	26	37	46	53	56	36	28	3	-1	-5
HI	Honolulu	13	53	53	55	59	62	65	67	67	66	64	58	54	53
ID	Boise	43	-17	-12	6	19	22	33	40	37	23	11	-3	-23	-23
IL	Chicago	24	-26	-17	-8	7	24	36	40	41	28	17	-1	-17	-26
	Peoria	43	-25	-18	-10	14	25	38	47	43	26	19	-2	-18	-25
IN	Indianapolis	43	-20	-21	-7	16	28	39	44	41	28	17	-2	-15	-21
IA	Des Moines	43	-24	-20	-22	9	30	38	47	40	26	14	-3	-16	-24
KS	Wichita	30	-12	-21	-2	15	31	43	51	48	35	21	-5	-21	-21
KY	Louisville	35	-20	-19	-1	22	31	42	50	49	33	23	-1	-9	-20
LA	New Orleans	36	14	19	25	32	41	55	60	60	42	35	24	17	14
ME	Portland	42	-26	-39	-21	8	23	33	40	33	23	15	5	-21	-39
MD	Baltimore	32	-7	-3	6	20	32	40	51	48	35	25	13	0	-7
MA	Boston	31	-12	-4	6	16	34	45	54	47	38	28	17	-7	-12
MI	Detroit	47	-13	-16	-1	14	30	38	42	43	32	24	5	-5	-16
MN	Sault Ste. Marie	42	-36	-35	-24	-5	18	26	36	29	25	16	-10	-25	-36
	Duluth	41	-39	-32	-28	-5	17	27	36	33	22	8	-23	-33	-39
MS	Minneapolis-St. Paul	44	-34	-28	-32	2	18	34	43	39	28	15	-17	-24	-34
MO	Kansas City	19	3	11	15	30	38	49	51	55	35	30	17	14	3
	St. Louis	25	-15	-10	-5	22	31	43	51	47	36	23	1	-13	-19
MT	Great Falls	45	-37	-35	-29	-6	15	31	40	35	23	-3	-23	-43	-43
NE	Omaha	46	-23	-21	-16	5	27	39	44	43	30	13	-9	-17	-23
NV	Reno	41	-16	-12	-2	13	18	25	33	24	20	8	-1	-16	-16
NH	Concord	41	-30	-37	-18	8	21	30	35	29	21	10	-1	-22	-37
NJ	Atlantic City	39	-10	-11	5	12	25	37	46	40	32	23	-1	-7	-11
NM	Albuquerque	43	-17	-5	8	19	28	40	54	52	37	25	-7	3	-17
NY	Albany	36	-28	-21	-10	26	36	46	40	34	24	16	5	-22	-28
	Buffalo	39	-16	-20	-5	12	26	35	43	38	32	20	9	-10	-20
NC	New York	114	-6	-15	3	12	32	44	52	50	39	28	5	-13	-15
	Charlotte	43	-3	-5	4	24	32	45	53	53	39	24	11	2	-3
ND	Bismarck	38	-1	5	11	23	31	38	48	46	39	19	11	4	-1
OH	Cincinnati	21	-25	-11	-11	17	27	39	47	43	33	16	1	-11	-25
	Cleveland	41	-19	-15	-5	10	25	31	41	38	32	22	3	-11	-19
OK	Columbus	43	-19	-13	-2	14	25	35	43	39	31	20	5	-10	-19
OR	Oklahoma City	29	-4	-3	3	20	37	47	53	51	37	22	11	1	-4
PA	Portland	42	-2	-3	19	29	39	43	44	34	26	13	6	-3	-3
	Philadelphia	41	-7	-4	7	19	28	44	51	45	35	25	15	1	-7
RI	Pittsburgh	30	-18	-12	-1	14	26	34	42	39	31	16	-1	-7	-17
	Providence	29	-13	-7	1	14	29	41	49	40	33	20	14	-10	-13
SC	Columbia	35	5	5	4	29	34	45	54	53	40	23	12	4	4
SD	Sioux Falls	37	-36	-31	-23	5	17	29	38	34	22	-9	-17	-26	-36
TN	Memphis	41	-4	-11	12	29	38	48	52	46	36	25	9	-13	-13
	Nashville	43	-15	-13	2	23	34	42	51	47	36	26	-1	-7	-15
TX	Dallas-Fort Worth	29	4	9	15	30	41	51	59	56	45	29	20	10	4
	El Paso	43	-8	8	14	24	31	48	57	56	41	25	1	5	-8
UT	Houston	13	12	20	22	31	44	52	62	62	48	33	19	20	12
VT	Salt Lake City	54	-22	-30	2	14	25	35	40	37	27	16	-14	-21	-30
VA	Burlington	39	-30	-30	-20	2	24	33	39	35	25	15	-2	-26	-30
	Norfolk	34	5	8	18	28	36	45	54	49	45	27	20	14	5
WA	Filchmond	53	-12	-10	11	25	31	40	51	46	35	21	10	-1	-12
	Seattle	38	0	1	11	29	28	38	43	44	35	28	6	6	-12
WV	Spokane	35	-22	-17	-3	17	24	34	37	35	25	13	-11	-25	-25
	Charleston	35	-13	-8	0	19	26	33	46	41	34	17	6	2	-13
WI	Milwaukee	42	-26	-19	-10	12	21	33	40	44	28	18	-5	-15	-26
WY	Cheyenne	47	-27	-34	-21	-6	16	25	38	36	18	2	-13	-24	-34
PR	San Juan	28	61	62	60	64	66	69	69	70	69	67	66	63	60

¹ City office data.

Source: U.S. National Oceanic and Atmospheric Administration, Comparative Climatic Data, annual.

NO. 364. NORMAL MONTHLY AND ANNUAL PRECIPITATION—SELECTED CITIES

[In inches. Airport data except as noted. Based on standard 30-year period, 1951 through 1980. See *Historical Statistics, Colonial Times to 1970*, series J 164-267, for related data]

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
AL...	Mobile	4.59	4.91	6.48	5.95	5.46	5.07	7.74	6.75	6.56	2.62	3.87	5.44	64.64
AK...	Juneau	3.69	3.74	3.34	2.92	3.41	2.98	4.13	5.02	6.40	7.71	5.18	4.66	53.15
AZ...	Phoenix	.73	.59	.81	.27	.14	.17	.74	.02	.64	.63	.54	.83	7.11
AR...	Little Rock	3.91	3.83	4.69	5.41	5.29	3.67	3.83	3.07	4.26	2.84	4.37	4.23	49.20
CA...	Los Angeles	3.08	2.49	1.78	.93	.14	.04	.01	.10	.15	.26	.15	1.82	12.08
CA...	Sacramento	4.03	2.88	2.06	1.31	.33	.11	.05	.07	.27	.86	2.23	2.90	17.10
CA...	San Francisco	4.65	3.23	2.64	1.53	.32	.11	.05	.05	.19	1.06	2.35	3.55	19.71
CO...	Denver	.51	.68	1.21	1.81	2.47	1.58	1.93	1.53	1.23	.98	.82	.65	15.31
CT...	Hartford	3.53	3.19	4.15	4.02	3.37	3.98	3.08	4.00	3.94	3.51	4.05	4.16	44.39
DE...	Wilmington	3.11	2.99	3.87	3.39	3.23	3.51	3.90	4.03	3.59	2.89	3.33	3.54	41.38
DC...	Washington	2.76	2.62	3.46	2.93	3.48	3.95	3.88	4.40	3.22	2.90	2.82	3.18	39.00
FL...	Jacksonville	3.07	3.48	3.72	3.32	4.91	5.37	6.54	7.15	7.26	3.41	1.94	2.59	52.77
FL...	Miami	2.08	2.05	1.89	3.07	6.53	9.15	5.98	7.02	8.07	7.14	2.71	1.88	57.55
GA...	Atlanta	4.91	4.43	5.91	4.43	4.02	3.41	4.73	3.41	3.17	2.53	3.43	4.23	46.81
HI...	Honolulu	3.79	2.73	3.48	1.49	1.21	.49	.54	.60	.62	1.88	3.23	3.43	23.47
ID...	Boise	1.64	1.07	1.03	1.18	1.21	.95	.26	.40	.58	.75	1.29	1.34	11.71
IL...	Chicago	1.60	1.31	2.59	3.66	3.15	4.08	3.63	3.53	3.35	2.28	2.06	2.10	33.34
IN...	Peoria	1.80	1.41	2.86	3.81	3.84	3.88	3.99	3.39	3.63	2.51	1.96	2.01	34.89
IN...	Indianapolis	2.65	2.46	3.61	3.68	3.66	3.99	4.32	3.46	2.74	2.51	3.04	3.00	39.12
IA...	Des Moines	1.01	1.12	2.20	3.21	3.96	4.18	3.22	4.11	3.06	2.16	1.52	1.05	30.83
KS...	Wichita	.68	.85	2.01	2.30	3.91	4.06	3.62	2.80	3.45	2.47	1.47	.99	28.61
KY...	Louisville	3.38	3.23	4.73	4.11	4.15	3.60	4.10	3.31	3.35	2.63	3.49	3.48	43.56
LA...	New Orleans	4.97	5.23	4.73	4.50	5.07	4.63	6.73	6.02	5.87	2.66	4.06	5.27	59.74
ME...	Portland	3.78	3.57	3.98	3.90	3.27	3.06	2.83	2.82	3.27	3.83	4.70	4.51	43.52
MD...	Baltimore	3.00	2.98	3.72	3.35	3.44	3.76	3.89	4.62	3.46	3.11	3.40	41.84	
MA...	Boston	3.99	3.70	4.13	3.73	3.52	2.92	2.68	3.68	3.41	3.36	4.21	4.48	43.81
MI...	Detroit	1.86	1.69	2.54	3.15	2.77	3.43	3.10	3.21	2.25	2.12	2.33	2.52	30.97
MI...	Sault Ste. Marie	2.20	1.89	2.03	2.38	2.90	3.28	3.00	3.46	3.90	2.89	3.20	2.57	33.48
MN...	Duluth	1.20	.90	1.78	2.16	3.15	3.95	3.95	4.12	3.26	2.21	1.69	1.29	29.68
MN...	Minneapolis-St. Paul	.82	.85	1.71	2.05	3.20	4.07	3.51	3.64	2.50	1.85	1.29	.87	26.36
MS...	Jackson	5.00	4.48	5.66	5.85	4.83	2.94	4.40	3.71	3.55	2.52	4.18	5.40	52.82
MO...	Kansas City	1.08	1.19	2.41	3.23	4.42	4.66	4.35	3.57	4.14	3.10	1.63	1.38	35.17
MO...	St. Louis	1.72	2.14	3.28	3.55	3.54	3.73	3.63	2.55	2.70	2.32	2.53	2.22	33.91
MT...	Great Falls	1.00	.75	.93	1.49	2.52	2.75	1.10	1.31	1.03	.82	.74	.80	15.24
NE...	Omaha	.77	.91	1.91	2.84	4.33	4.08	3.62	4.10	3.50	2.05	1.32	.77	30.34
NV...	Reno	1.24	.95	.74	.46	.74	.34	.30	.27	.30	.34	.80	1.21	7.49
NH...	Concord	2.78	2.47	2.93	3.01	2.93	2.81	2.93	3.26	3.12	3.10	3.66	3.43	36.53
NJ...	Atlantic City	3.47	3.34	4.04	3.20	3.07	2.78	4.02	4.72	3.89	3.05	3.37	3.61	41.89
NM...	Albuquerque	.41	.40	.52	.40	.46	.51	1.30	1.51	.85	.86	.88	.82	8.12
NY...	Albany	2.39	2.28	3.01	2.94	3.31	3.29	3.00	3.34	3.23	2.93	3.04	3.00	35.74
NY...	Buffalo	3.02	2.40	2.97	3.06	2.89	2.72	2.96	4.16	3.37	2.93	3.62	3.42	37.62
NY...	New York	3.21	3.13	4.22	3.75	3.76	3.23	3.77	4.03	3.68	3.41	4.14	3.81	44.12
NC...	Charlotte	3.80	3.81	4.83	3.27	3.64	3.57	3.92	3.75	3.59	2.72	2.85	3.40	43.16
NC...	Raleigh	3.55	3.43	3.69	2.91	3.67	3.86	4.38	4.44	3.29	2.73	2.87	3.14	41.76
ND...	Bismarck	.51	.45	.70	1.51	2.23	3.01	2.05	1.69	1.58	.81	.51	.51	15.36
OH...	Cincinnati	3.09	2.58	3.83	3.71	4.07	3.83	4.04	3.45	3.11	2.47	3.03	2.88	40.10
OH...	Cleveland	2.47	2.20	2.99	3.32	3.30	3.49	3.37	3.98	2.92	2.45	2.76	2.75	35.40
OH...	Columbus	2.75	2.18	3.23	3.41	3.76	4.01	4.01	3.70	2.76	1.91	2.64	2.61	36.97
OK...	Oklahoma City	.96	1.29	2.07	2.91	5.50	3.87	3.04	2.40	3.41	2.71	1.53	1.20	20.89
OR...	Portland	6.16	3.93	3.81	2.31	2.08	1.47	.46	1.13	1.61	3.05	5.17	6.41	37.39
PA...	Philadelphia	3.18	2.81	3.86	3.47	3.18	3.92	3.88	4.10	3.42	2.83	3.32	3.45	41.42
PA...	Pittsburgh	2.86	2.40	3.58	3.28	3.54	3.30	3.83	3.31	2.80	2.49	2.34	2.57	36.29
RI...	Providence	4.06	3.72	4.28	3.95	3.48	2.79	3.01	4.04	3.54	3.75	4.22	4.47	45.32
SC...	Columbia	4.38	3.99	5.16	3.59	3.85	4.45	5.35	5.56	4.23	2.55	2.51	3.50	49.12
SD...	Sioux Falls	.50	.93	1.58	2.36	3.21	3.70	2.71	3.13	2.79	1.57	.92	.72	24.12
TN...	Memphis	4.61	4.33	5.44	5.77	5.06	3.58	4.03	3.74	3.62	2.37	4.17	4.85	51.57
TN...	Nashville	4.49	4.03	5.58	4.47	4.58	3.70	3.82	3.40	3.71	2.58	3.52	4.63	46.49
TX...	Dallas-Fort Worth	1.65	1.93	2.42	3.63	4.27	2.59	2.00	1.76	3.31	2.47	1.76	1.67	29.45
TX...	El Paso	.38	.45	.32	.24	.56	1.60	1.21	1.42	.73	.33	.39	.78	
TX...	Houston	3.21	3.25	2.68	4.24	4.69	4.06	3.33	3.66	4.93	3.67	3.38	3.66	44.77
UT...	Salt Lake City	1.35	1.33	1.72	2.21	1.47	.97	.72	.92	.89	1.14	1.22	1.37	15.31
VT...	Burlington	1.85	1.73	2.20	2.77	2.96	3.64	3.43	3.87	3.20	2.81	2.80	2.43	33.69
VA...	Norfolk	3.72	3.28	3.86	2.87	3.75	3.45	5.15	5.33	4.35	3.41	2.88	3.17	45.22
VA...	Richmond	3.23	3.13	3.57	2.90	3.55	3.60	5.14	5.01	3.52	3.74	3.29	3.39	44.07
WA...	Seattle-Tacoma	6.04	4.22	3.59	2.40	1.58	1.38	.74	1.27	2.02	3.43	5.80	6.33	36.60
WA...	Spokane	2.47	1.61	1.36	1.08	1.38	1.23	.50	.74	.71	1.08	2.06	2.49	16.71
WV...	Charleston	3.48	3.11	4.00	3.52	3.68	3.32	5.38	4.15	3.01	2.63	2.90	3.27	42.43
WI...	Milwaukee	1.64	1.33	2.56	3.37	2.66	3.59	3.54	3.09	2.88	2.25	1.98	2.03	30.94
WY...	Cheyenne	.41	.40	.97	1.24	2.39	2.00	1.87	1.39	1.08	.68	.53	.37	13.31
PR...	San Juan	3.01	2.02	2.31	3.62	5.64	4.66	4.87	5.93	5.99	5.89	5.59	4.46	53.98

¹ City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatology of the United States*, No. 81, Sept. 1982.

Geography and Environment

NO. 365. AVERAGE NUMBER OF DAYS WITH PRECIPITATION OF .01 INCH OR MORE—SELECTED CITIES

[Airport data, except as noted. For period of record through 1982]

STATE	STATIONS	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
AL	Mobile	41	11	10	11	7	8	11	17	14	10	6	8	11	124
AK	Juneau	39	18	17	18	17	17	16	17	17	20	24	19	21	221
AZ	Phoenix	43	4	4	3	2	1	1	4	5	3	3	2	4	36
AR	Little Rock	40	10	9	10	10	10	8	8	7	7	6	8	9	102
CA	Los Angeles	47	6	6	6	6	3	1	(2)	(2)	1	2	3	3	34
	Sacramento	43	10	9	8	6	3	1	(2)	(2)	1	1	3	3	57
	San Francisco	55	11	10	10	6	3	1	(2)	(2)	1	4	7	10	83
CO	Denver	48	6	6	5	9	11	9	9	9	6	5	5	5	89
CT	Hartford	28	11	10	11	11	11	11	10	10	10	8	11	12	126
DE	Wilmington	35	11	9	11	11	12	10	9	9	8	8	9	10	117
DC	Washington	41	10	9	11	10	11	9	10	9	8	7	8	9	111
FL	Jacksonville	41	8	8	8	7	9	12	15	14	13	8	8	8	116
	Miami	40	7	6	6	6	11	15	16	17	17	15	6	6	130
GA	Atlanta	48	12	10	12	9	9	10	12	9	7	6	8	10	114
HI	Honolulu	33	10	10	9	9	7	5	8	7	7	9	9	10	101
ID	Boise	43	12	10	9	8	8	6	2	3	4	6	6	10	90
IL	Chicago	24	11	10	13	13	11	10	10	9	8	8	9	10	127
	Pecoria	43	9	8	11	12	12	10	9	8	7	9	9	10	113
IN	Indianapolis	43	12	10	13	12	12	10	9	9	8	8	8	10	125
IA	Des Moines	43	8	7	10	10	11	11	9	9	8	7	7	8	105
KS	Wichita	29	6	5	7	8	11	9	8	7	6	6	5	5	85
KY	Louisville	35	12	11	13	12	11	10	11	8	8	7	10	11	124
LA	New Orleans	34	10	9	9	7	8	10	15	13	10	5	7	10	113
ME	Portland	42	11	10	11	12	12	11	9	9	8	9	9	12	126
MD	Baltimore	32	10	9	11	11	11	11	9	10	9	9	9	9	112
MA	Boston	31	12	11	12	11	11	11	9	10	9	9	9	11	128
MI	Detroit	35	13	12	13	12	12	11	9	9	9	9	9	11	133
	Sault Ste. Marie	41	19	15	13	11	11	12	10	11	13	13	17	19	164
MN	Duluth	41	12	10	11	11	12	13	11	11	11	9	9	11	124
	Minneapolis-St. Paul	44	9	7	10	10	11	12	10	10	10	9	8	9	113
MS	Jackson	19	11	9	11	9	9	8	11	10	9	6	8	10	111
MO	Kansas City	10	8	7	10	11	12	10	8	9	8	7	7	7	104
MT	St. Louis	25	9	8	11	11	11	9	9	8	8	8	9	9	110
	Great Falls	45	9	8	9	9	12	12	7	7	7	5	7	7	100
NE	Omaha	46	7	7	9	9	12	10	9	9	8	6	5	6	97
NV	Reno	40	6	6	6	4	5	3	3	2	2	3	5	6	51
NH	Concord	41	11	10	11	11	12	11	10	10	9	9	11	11	126
NJ	Atlantic City	39	11	10	11	11	10	9	9	9	7	7	9	10	113
NM	Albuquerque	43	4	4	4	4	4	4	4	4	6	5	3	4	59
NY	Albany	36	13	10	12	12	13	11	10	10	10	9	12	12	134
	Buffalo	39	20	17	16	14	12	10	10	11	11	11	11	16	20
	New York ^{1,2}	114	11	10	12	11	11	10	10	10	10	8	8	9	120
NC	Charlotte	43	10	10	11	9	10	10	9	10	10	7	7	7	112
	Raleigh	38	10	10	10	9	10	9	9	11	10	8	7	9	111
ND	Bismarck	43	8	7	8	8	10	12	9	8	7	6	6	8	97
OH	Cincinnati	35	12	11	13	13	11	11	10	9	8	8	8	11	129
	Cleveland	41	16	14	16	14	13	11	10	10	10	11	14	16	155
	Columbus	43	13	12	14	13	13	11	11	9	9	9	11	13	137
OK	Oklahoma City	43	5	6	7	8	10	9	7	6	7	6	5	5	61
OR	Portland	42	19	16	17	14	12	9	4	5	6	13	18	19	154
PA	Philadelphia	42	11	9	11	11	11	10	9	9	9	8	8	9	116
RI	Pittsburgh	30	17	14	16	13	12	12	11	10	9	10	10	13	153
SC	Providence	29	11	10	12	11	11	11	9	10	10	8	8	11	124
SD	Columbia	35	10	11	11	8	9	10	10	12	11	8	6	7	111
TN	Clouds Falls	37	6	6	8	9	10	11	9	9	9	6	6	6	94
	Memphis	32	10	9	11	10	9	8	9	8	7	6	8	10	105
	Nashville	41	11	11	12	11	11	9	10	9	8	7	9	11	119
TX	Dallas-Fort Worth	29	7	6	7	8	9	6	5	5	7	6	6	6	78
	El Paso	43	4	3	2	2	2	3	8	7	5	4	4	4	47
	Houston	13	10	7	10	7	8	8	10	10	9	7	8	9	103
UT	Salt Lake City	54	10	9	10	10	8	5	5	4	6	6	7	8	89
VT	Burlington	39	14	12	13	12	13	13	12	12	12	11	14	15	153
VA	Norfolk	34	10	10	11	10	10	9	11	10	10	8	8	9	114
	Richmond	45	10	9	11	9	11	10	11	11	10	8	7	8	113
WA	Seattle	38	19	16	17	14	10	9	5	7	10	14	18	20	158
	Spokane	35	15	12	11	9	9	8	4	5	6	8	12	16	115
WV	Charleston	35	16	14	15	14	13	11	13	11	9	9	9	12	151
WI	Milwaukee	42	11	9	12	12	12	11	10	9	9	9	10	11	125
WY	Cheyenne	47	6	6	9	8	12	11	11	10	7	5	6	5	97
PR	San Juan	27	17	13	12	13	17	18	19	19	17	17	18	19	197

² Less than ½ day. ¹ For period of record through 1981. ² City office data.

Source: U.S. National Oceanic and Atmospheric Administration, Comparative Climatic Data, annual.

No. 366. SNOW AND ICE PELLETS

[In Inches. Airport data, except as noted. For period of record through 1982, except as noted. T denotes trace]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
AL	Mobile	41	.1	.2	T	-	-	-	-	-	-	T	.1	.4	
AK	Juneau	39	25.9	20.3	17.0	4.3	.1	T	-	-	-	1.2	11.1	24.3	104.2
AZ	Phoenix	45	T	T	T	-	-	-	-	-	-	-	-	T	T
AR	Little Rock	40	2.3	1.5	.5	T	-	-	-	-	-	-	.3	.8	5.4
CA	Los Angeles	47	T	T	T	-	-	-	-	-	-	-	T	T	T
	Sacramento	34	T	.1	T	-	-	-	-	-	-	-	T	.1	.1
	San Francisco	55	T	T	T	-	-	-	-	-	-	1.6	3.6	7.8	7.0
CO	Denver	48	7.9	7.5	12.8	9.1	1.8	T	-	-	-	-	-	T	T
CT	Hartford	29	12.1	11.9	10.9	1.9	T	-	-	-	-	-	.1	1.8	11.7
DE	Wilmington	35	6.5	6.1	3.7	.1	T	-	-	-	-	-	.1	1.0	3.7
DC	Washington	39	8.2	5.4	2.4	T	T	-	-	-	-	T	.7	3.5	17.2
FL	Jacksonville	41	T	T	T	-	-	-	-	-	-	-	-	T	T
	Miami	40	-	-	-	-	-	-	-	-	-	-	-	T	-
GA	Atlanta	48	.8	.5	.3	T	-	-	-	-	-	-	-	.2	1.8
HI	Honolulu	36	-	-	-	-	-	-	-	-	-	-	-	-	-
ID	Boise	43	7.4	3.7	2.0	.7	.1	T	T	-	-	-	.1	1.9	5.3
IL	Chicago	24	11.1	8.0	7.5	2.1	.1	T	T	-	-	T	.4	2.2	9.0
	Peoria	39	6.6	5.0	4.6	1.1	T	-	-	-	-	-	.1	2.3	5.9
IN	Indianapolis	51	6.3	5.6	3.6	.5	T	-	-	-	-	T	.2	4.9	22.9
IA	Des Moines	43	8.7	7.1	6.7	2.0	T	-	-	-	-	T	.3	2.6	8.4
KS	Wichita	29	4.2	4.4	2.6	.3	T	-	-	-	-	T	.9	2.8	15.2
KY	Louisville	35	6.1	4.2	3.7	.2	T	-	-	-	-	T	1.3	2.2	17.7
LA	New Orleans	36	T	.1	T	-	-	-	-	-	-	T	.1	.2	
ME	Portland	42	19.2	18.2	13.0	3.2	.2	-	-	-	-	T	.3	3.2	15.6
MD	Baltimore	32	5.6	8.7	4.4	T	T	-	-	-	-	T	1.0	4.0	21.7
MA	Boston	47	12.6	11.6	7.7	.9	T	-	-	-	-	T	1.2	8.0	42.0
MI	Detroit ¹	38	7.9	7.7	5.4	1.1	T	-	-	-	-	T	2.5	7.1	31.7
	Sault Ste. Marie	41	28.1	19.4	15.0	5.5	.6	T	-	-	-	.1	2.4	14.8	27.9
MN	Duluth	39	17.1	12.0	13.8	6.5	.8	T	-	-	-	T	1.1	10.0	15.4
	Minneapolis-St. Paul	44	10.1	8.4	10.4	2.6	.2	T	-	-	-	T	4	6.2	9.1
MS	Jackson	19	.8	.2	.3	T	-	-	-	-	-	T	T	1.3	
MO	Kansas City	48	5.9	4.3	3.9	.7	T	-	-	-	-	T	1.0	4.3	20.1
	St. Louis	46	5.5	4.5	4.5	.4	T	-	-	-	-	T	1.5	3.6	20.0
MT	Great Falls	45	10.2	8.6	10.0	7.5	1.4	.4	T	-	-	1.2	3.1	7.3	8.8
NE	Omaha	47	8.1	7.0	6.8	.9	.1	-	-	-	-	T	.4	2.3	5.6
NV	Freno	40	6.2	5.1	5.1	1.5	1.0	T	-	-	-	T	.3	1.9	4.6
NH	Concord	41	18.0	14.9	11.0	2.5	.1	-	-	-	-	T	.0	14.0	42.8
NJ	Atlantic City	38	5.1	5.4	2.9	.3	T	-	-	-	-	T	.4	2.4	16.5
NM	Albuquerque	43	2.4	1.9	2.0	.5	T	-	-	-	-	T	1.1	2.7	10.6
NY	Albany	38	15.6	14.5	11.5	2.9	.1	-	-	-	-	T	.1	4.4	16.0
	Buffalo	39	24.6	17.8	11.8	3.3	.1	T	-	-	-	T	.3	12.5	22.1
	New York ²	114	7.7	8.8	5.1	1.0	T	-	-	-	-	T	.9	5.7	29.0
NC	Charlotte	43	2.1	1.8	1.3	.7	T	-	-	-	-	T	.6	.5	7.6
	Raleigh	38	2.6	2.4	1.5	T	-	-	-	-	-	T	.2	.9	3.6
ND	Bismarck	43	7.4	6.5	8.1	3.6	.9	T	-	-	-	.2	1.3	5.1	6.6
OH	Cincinnati	35	7.8	5.2	4.7	.6	T	-	-	-	-	T	2.5	3.8	24.5
	Cleveland	41	12.2	11.2	9.9	2.2	.1	-	-	-	-	T	.8	5.4	11.5
	Columbus	35	8.7	6.0	4.6	.8	T	-	-	-	-	T	2.7	5.6	28.4
OK	Oklahoma City	43	2.8	2.5	1.6	T	-	-	-	-	-	T	.5	1.5	8.9
OR	Portland	42	4.1	.7	.5	T	T	T	-	-	-	T	.5	1.4	7.2
PA	Philadelphia	40	6.4	6.4	4.0	.3	T	-	-	-	-	T	.1	6.6	3.9
	Pittsburgh	30	12.4	9.8	8.7	1.4	.2	-	-	-	-	T	3.8	8.4	45.0
RI	Providence	29	9.8	9.8	8.4	.8	.2	-	-	-	-	T	.2	6.7	37.2
SC	Columbia	35	4.0	1.0	.3	-	-	-	-	-	-	T	.3	.2	
SD	Sioux Falls	37	6.6	8.8	9.5	1.7	T	-	-	-	-	T	.6	4.3	7.5
TN	Memphis	32	2.2	1.4	1.1	T	-	-	-	-	-	T	.1	.8	5.6
	Nashville	41	4.2	3.2	1.7	.1	-	-	-	-	-	T	.6	1.8	11.6
TX	Dallas-Ft. Worth	29	1.5	1.1	.2	-	-	-	-	-	-	-	.2	.2	3.2
	El Paso	43	1.3	.8	.3	T	-	-	-	-	-	T	1.1	1.3	4.8
	Houston	48	.2	.2	T	-	-	-	-	-	-	T	T	.4	
UT	Salt Lake City	54	13.4	9.5	10.4	4.9	.6	T	-	-	-	.1	1.1	8.2	58.1
VT	Burlington	39	18.4	16.7	12.3	3.5	.2	T	-	-	-	T	.2	7.0	19.3
VA	Norfolk	34	3.1	2.7	1.3	T	-	-	-	-	-	T	.1	1.1	8.2
	Richmond	45	5.2	3.9	2.9	.1	-	-	-	-	-	T	.4	2.1	14.6
WA	Seattle	38	6.3	1.5	1.5	.1	T	-	-	-	-	T	.1	1.1	2.8
	Spokane	35	17.9	7.3	4.3	.7	.1	T	-	-	-	T	.5	5.7	15.1
WV	Charleston	35	10.5	8.3	4.9	.4	T	-	-	-	-	T	.2	2.6	4.9
WI	Milwaukee	42	13.2	9.4	9.1	1.9	T	-	-	-	-	T	.1	3.0	10.3
WY	Cheyenne	47	6.4	5.5	11.8	8.6	3.7	.3	-	-	-	.6	3.5	6.5	5.8
PR	San Juan	27	-	-	-	-	-	-	-	-	-	-	-	-	

- Represents zero. ¹ For period of record through 1981. ² City office data.

Source: U.S. National Oceanic and Atmospheric Administration, Comparative Climatic Data, annual.

Geography and Environment

No. 367. AVERAGE PERCENTAGE OF POSSIBLE SUNSHINE—SELECTED CITIES

{Airport data, except as noted. For period of record through 1982, except as noted}

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
AL.....	Montgomery ¹	31	47	54	59	65	65	66	63	65	62	66	56	50	59
AK.....	Juneau ²	33	32	32	37	39	39	34	31	32	26	19	23	20	32
AZ.....	Phoenix.....	87	77	80	83	88	93	94	85	85	89	88	83	78	86
AR.....	Little Rock ¹	34	46	54	57	62	68	73	71	73	68	69	56	48	64
CA.....	Los Angeles ³	32	69	72	73	70	66	65	82	83	79	73	74	71	73
	Sacramento.....	34	45	61	71	80	88	93	97	96	93	84	63	46	79
	San Francisco ⁴	38	56	62	69	73	72	73	66	65	72	70	62	53	57
CO.....	Denver.....	33	72	72	71	68	64	72	72	72	75	73	65	68	70
CT.....	Hartford.....	26	58	58	57	57	58	60	64	63	59	58	47	49	58
DE.....	Wilmington ²	39	50	54	58	57	56	62	62	62	59	59	52	49	57
DC.....	Washington.....	34	46	52	55	58	59	65	64	64	62	59	52	47	58
FL.....	Jacksonville.....	31	59	61	67	72	70	83	61	60	55	58	61	56	62
	Miami.....	6	69	68	76	80	70	76	80	76	75	73	66	67	73
GA.....	Atlanta.....	47	48	54	57	65	68	67	63	65	63	68	60	50	61
HI.....	Honolulu.....	30	62	63	68	66	68	70	73	75	75	68	61	58	67
ID.....	Boise.....	40	39	50	63	67	71	75	88	85	81	68	45	38	67
IL.....	Chicago ¹	39	45	51	56	63	65	72	74	76	69	68	52	45	63
	Peoria.....	39	46	50	52	55	59	66	68	66	65	62	45	40	57
IN.....	Indianapolis.....	38	41	50	51	55	61	66	67	69	66	63	42	39	57
IA.....	Des Moines.....	32	51	54	54	56	60	68	72	69	66	63	50	45	60
KS.....	Wichita.....	29	59	60	61	64	64	70	75	74	67	67	59	59	66
KY.....	Louisville.....	35	43	48	50	55	61	65	66	67	65	62	47	41	57
LA.....	New Orleans.....	9	48	54	54	61	58	67	60	60	62	69	55	56	59
ME.....	Portland.....	42	56	59	56	56	56	59	64	64	61	58	47	53	58
MD.....	Baltimore.....	32	51	56	56	57	57	61	64	62	60	59	51	48	57
MA.....	Boston.....	47	54	57	57	57	59	63	56	68	63	60	51	52	60
MI.....	Detroit.....	32	32	43	49	52	59	65	70	65	61	56	35	32	54
	Sault Ste. Marie.....	41	35	46	54	55	57	58	63	59	45	40	24	27	48
MN.....	Duluth.....	32	50	53	55	55	56	58	66	66	60	52	47	35	39
	Minneapolis-St. Paul.....	44	52	58	55	56	59	64	71	67	61	56	40	40	58
MS.....	Jackson.....	18	47	55	58	62	61	70	64	64	60	67	55	50	60
MO.....	Kansas City.....	10	59	58	64	69	65	71	73	67	65	65	51	53	64
	St. Louis.....	23	53	53	55	57	61	68	71	65	64	62	47	43	59
MT.....	Great Falls ¹	39	48	55	65	61	62	65	80	76	68	60	46	44	63
NE.....	Omaha ¹	45	55	54	55	58	61	68	74	71	68	66	52	48	62
NV.....	Reno ²	37	68	68	76	81	82	85	93	93	92	84	71	64	81
NH.....	Concord.....	41	52	55	52	53	55	58	63	60	55	54	42	47	55
NJ.....	Atlantic City.....	22	48	51	54	55	55	54	57	59	62	60	56	48	64
NM.....	Albuquerque.....	43	72	73	73	77	79	83	76	76	79	80	77	72	77
NY.....	Albany.....	44	45	51	52	54	55	58	63	60	56	51	36	38	53
	Buffalo.....	39	33	39	45	52	58	58	68	65	59	51	29	27	52
	New York ³	100	50	55	56	59	61	64	65	64	63	61	52	49	59
NC.....	Charlotte.....	32	55	60	63	70	69	70	68	69	67	68	62	58	65
	Raleigh.....	28	54	59	62	64	59	60	61	61	59	62	60	55	60
ND.....	Bismarck.....	43	54	55	60	58	63	65	75	73	66	58	45	46	61
OH.....	Cincinnati ¹	66	41	44	50	55	60	66	68	66	66	58	44	38	56
	Cleveland.....	39	31	37	44	52	58	65	67	63	60	53	31	26	51
	Columbus.....	31	36	42	44	51	56	59	60	60	61	57	38	31	51
OK.....	Oklahoma City.....	28	59	61	64	65	65	74	77	78	71	69	60	59	68
OR.....	Portland.....	33	26	37	46	52	57	54	69	65	60	43	30	21	49
PA.....	Philadelphia.....	40	50	54	56	57	56	62	62	62	59	59	52	49	57
RI.....	Pittsburgh.....	30	34	38	44	48	52	57	58	56	58	52	39	29	49
SC.....	Providence.....	29	56	58	57	57	61	59	62	62	59	60	50	52	57
SD.....	Columbia.....	29	57	61	64	69	67	66	66	67	65	67	65	60	65
TN.....	Rapid City ¹	39	55	59	62	59	57	62	71	73	65	66	55	53	62
	Memphis.....	32	50	57	64	69	74	74	75	75	69	71	58	51	65
	Nashville.....	40	41	47	52	59	62	67	64	65	63	63	50	42	57
TX.....	Dallas-Ft. Worth.....	4	53	54	58	64	65	72	82	78	75	63	62	62	66
	El Paso.....	40	77	82	85	87	89	89	80	81	82	84	83	78	83
	Houston.....	13	42	50	46	50	57	65	67	64	62	63	54	58	57
UT.....	Salt Lake City.....	44	46	56	64	67	72	79	84	83	83	72	54	44	69
VT.....	Burlington.....	39	42	46	51	50	56	58	64	64	60	53	48	30	50
VA.....	Norfolk ¹	21	56	59	63	66	65	68	65	65	64	61	57	52	62
WA.....	Richmond.....	32	52	57	60	64	64	67	66	65	64	61	57	57	63
	Seattle.....	16	24	38	50	52	55	54	65	65	62	58	44	31	49
	Spokane.....	34	26	38	53	60	62	65	80	77	70	52	29	21	57
WV.....	Parkersburg.....	83	32	37	44	50	56	59	62	59	59	54	37	30	49
WI.....	Milwaukee.....	42	45	48	50	53	60	64	70	66	60	55	41	38	55
WY.....	Cheyenne ¹	44	62	65	65	61	59	65	68	67	69	60	59	64	64
PR.....	San Juan.....	27	66	69	73	67	59	60	67	68	60	60	57	57	64

¹ For period of record through 1981. ² For period of record through 1978. ³ For period of record through 1978. ⁴ For period of record through 1978.^a For period of record through 1973. ^b For period of record through 1979. ^c City office data.Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

NO. 368. AVERAGE WIND SPEED—SELECTED CITIES

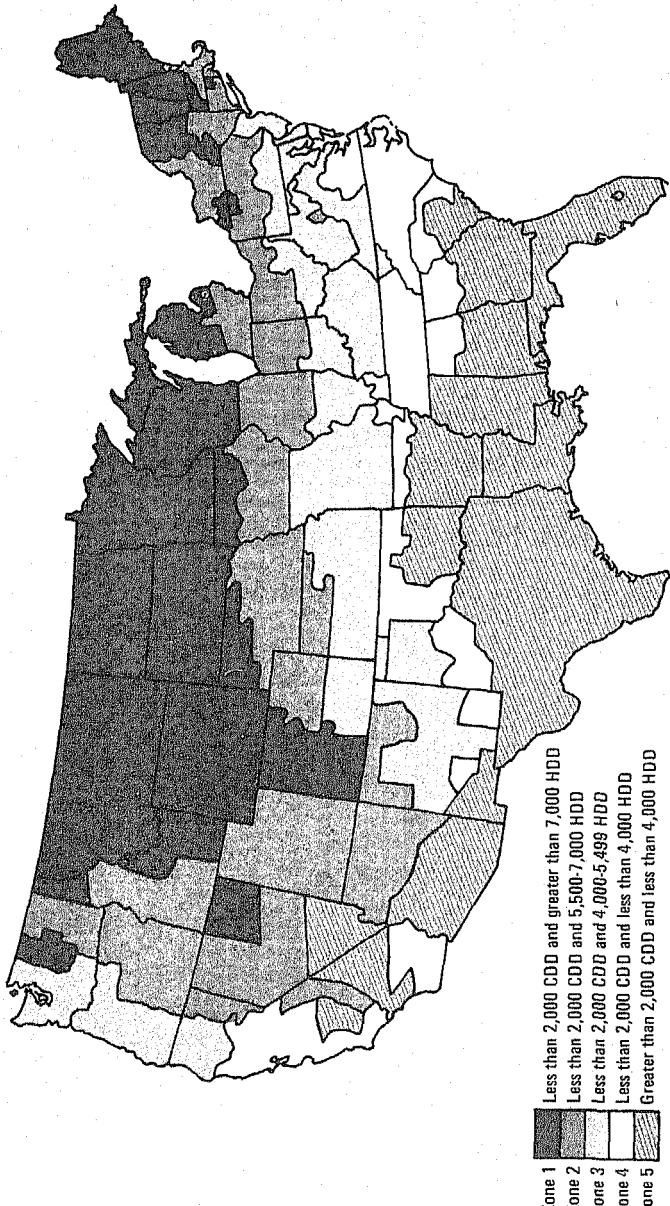
[In miles per hour. Airport data, except as noted. For period of record through 1982]

STATE	STATION	Length of record (yr.)	Average Wind Speed												
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
AL	Mobile	34	10.5	10.7	11.0	10.3	8.8	7.7	6.9	6.7	7.9	8.2	9.3	10.1	9.0
AK	Juneau	39	8.3	8.7	8.7	8.8	8.4	7.7	7.5	7.4	8.0	9.6	8.6	9.1	8.4
AZ	Phoenix	37	5.2	5.6	6.5	6.9	7.0	6.8	7.1	6.6	6.3	5.9	5.4	5.2	5.2
AR	Little Rock	40	8.7	9.1	9.9	9.3	7.9	7.4	6.8	6.6	6.8	7.0	8.1	8.4	8.0
CA	Los Angeles	34	6.7	7.3	8.1	8.4	8.3	7.9	7.7	7.6	7.2	6.8	6.6	6.4	7.4
	Sacramento	34	7.6	7.8	8.8	8.9	8.3	9.9	9.1	8.6	7.7	6.6	6.2	6.9	8.1
	San Francisco	55	7.1	8.5	10.3	12.0	13.2	13.9	13.5	12.8	11.0	9.3	7.2	6.9	10.5
CO	Denver	34	8.9	9.1	9.9	10.3	9.4	9.0	8.4	8.2	9.1	8.1	8.5	8.6	8.9
CT	Hartford	28	9.2	9.6	10.0	10.3	9.0	8.2	7.6	7.3	7.4	7.8	8.5	8.7	8.6
DE	Wilmington	34	10.0	10.5	11.2	10.6	9.0	8.5	7.8	7.5	7.9	8.3	9.2	9.5	9.2
DC	Washington	34	10.1	10.5	11.0	10.6	9.2	8.8	8.2	8.1	8.2	8.7	9.3	9.5	9.3
FL	Jacksonville	33	8.4	9.3	9.2	8.9	8.3	8.2	7.3	7.1	7.9	8.4	8.0	8.1	8.2
	Miami	33	9.5	10.1	10.5	10.7	8.6	8.3	7.9	7.9	8.2	9.3	9.8	9.2	9.2
GA	Atlanta	44	10.6	10.9	10.9	10.1	8.6	8.0	7.5	7.1	8.0	8.4	9.1	9.9	9.1
HI	Honolulu	33	9.9	10.6	11.6	12.1	12.1	12.8	13.6	13.4	11.7	10.8	11.0	10.8	11.7
ID	Boise	43	8.3	8.2	10.2	10.2	9.6	9.1	8.4	8.2	8.3	8.5	8.5	8.4	8.9
IL	Chicago	24	11.6	11.5	11.9	12.1	10.5	9.1	8.1	8.1	8.7	9.6	10.8	10.9	10.3
	Peoria	39	11.2	11.4	12.2	12.1	10.2	9.1	8.0	7.8	8.6	9.5	11.1	10.9	10.2
IN	Indianapolis	34	11.0	10.9	11.7	11.3	9.5	8.5	7.5	7.2	7.9	8.8	10.4	10.5	9.6
IA	Des Moines	33	11.7	11.7	13.0	13.1	11.3	10.3	8.9	8.7	9.4	10.4	11.1	11.5	11.0
KS	Wichita	29	12.3	12.9	14.3	14.3	12.6	12.3	11.2	11.3	11.4	12.1	12.1	12.1	12.4
KY	Louisville	36	9.7	9.7	10.4	9.9	8.0	7.4	6.7	6.4	6.7	7.2	8.9	9.3	8.4
LA	New Orleans	34	9.4	9.8	10.0	9.4	8.1	6.9	6.2	5.9	7.2	7.5	8.6	9.0	8.2
ME	Portland	42	9.3	9.5	10.0	10.0	9.1	8.1	7.6	7.4	7.7	8.3	8.7	9.0	8.7
MD	Baltimore	32	9.9	10.5	11.0	10.8	9.2	8.6	7.9	7.9	8.1	8.8	9.4	9.4	9.3
MA	Boston	25	14.2	14.0	13.8	13.5	12.1	11.4	10.8	10.7	11.2	12.0	12.9	13.6	12.5
MI	Detroit	48	11.6	11.4	11.4	11.1	9.7	9.1	8.2	8.0	8.7	8.5	11.2	11.3	10.1
	Sault Ste. Marie	41	10.0	9.7	10.3	10.6	9.9	8.7	8.0	7.9	8.8	8.4	9.9	9.9	9.4
MN	Duluth	33	11.8	11.5	11.9	12.8	11.9	10.7	9.6	9.6	10.8	11.3	11.8	11.3	11.2
	Minneapolis-St. Paul	44	10.4	10.5	11.3	12.2	11.2	10.4	9.2	9.1	9.8	10.4	10.9	10.3	10.5
MS	Jackson	19	8.7	8.6	9.3	8.4	7.0	6.2	5.8	5.6	6.3	6.4	7.3	8.4	7.3
MO	Kansas City	10	10.9	11.6	12.5	12.4	10.1	10.0	8.7	9.1	9.8	10.5	11.2	11.1	10.6
	St. Louis	33	10.5	10.9	11.9	11.5	9.4	8.8	7.9	7.6	8.0	8.7	9.9	10.3	9.6
MT	Great Falls	41	15.2	14.8	13.3	13.0	11.4	11.3	10.2	10.3	11.4	13.4	14.7	15.8	12.9
NE	Omaha	46	11.0	11.3	12.4	12.8	11.1	10.2	8.9	9.0	9.5	9.9	10.9	10.7	10.6
NV	Reno	40	5.7	6.1	7.6	7.3	7.7	7.4	6.8	6.3	5.6	5.3	5.3	5.1	6.4
NH	Concord	41	7.4	7.9	8.3	8.0	7.0	6.4	5.7	5.4	5.5	6.0	6.8	7.1	6.8
NJ	Atlantic City	24	11.6	11.8	12.2	12.0	10.4	9.5	8.7	8.3	8.7	9.3	10.7	10.9	10.3
NM	Albuquerque	43	8.1	8.8	10.1	11.0	10.5	10.0	8.1	8.2	8.6	8.3	7.8	7.7	9.0
NY	Albany	44	9.8	10.4	10.6	10.6	9.1	8.3	7.4	7.0	7.4	8.0	9.0	9.3	8.9
	Buffalo	43	14.4	13.9	13.5	12.9	11.5	11.1	10.4	9.8	10.5	11.2	12.8	13.4	12.1
	New York	57	10.7	10.9	11.0	10.5	8.8	8.1	7.7	7.6	8.1	8.9	9.9	10.4	9.4
NC	Charlotte	33	7.9	8.4	8.9	8.9	7.6	7.0	6.5	6.5	6.7	7.0	7.2	7.4	7.5
	Raleigh	33	8.6	9.0	9.4	9.1	7.6	7.0	6.6	6.3	6.7	7.1	7.7	8.0	7.8
ND	Bismarck	43	10.0	10.0	11.0	12.2	11.9	10.6	9.3	9.5	10.0	10.1	10.0	9.5	10.3
OH	Cincinnati	35	10.7	10.5	11.2	10.8	8.8	8.0	7.1	6.8	7.4	8.1	9.6	10.2	9.1
	Cleveland	41	12.5	12.2	12.4	11.8	10.1	9.4	8.7	8.4	9.1	10.1	12.0	12.3	10.8
	Columbus	33	10.3	10.2	10.7	10.1	8.5	7.6	6.8	6.5	6.7	7.7	9.5	9.9	8.7
OK	Oklahoma City	34	13.0	13.4	14.8	14.7	12.9	12.4	11.0	10.7	11.1	12.0	12.4	12.6	12.6
OR	Portland	34	10.1	9.1	8.4	7.4	7.1	7.1	7.6	7.1	7.5	6.5	6.6	8.6	7.9
PA	Philadelphia	42	10.4	11.0	11.4	11.0	9.6	8.8	8.1	7.9	8.3	8.8	9.6	10.1	9.6
	Pittsburgh	30	10.7	10.7	10.9	10.5	8.9	8.1	7.4	7.0	7.5	7.5	8.9	9.4	9.2
RI	Providence	29	11.4	11.6	12.1	12.3	10.8	10.0	9.5	9.3	9.5	9.8	10.5	10.9	10.6
SC	Columbia	34	7.1	7.6	8.2	8.3	6.9	6.6	6.4	5.9	6.1	6.1	6.4	6.7	6.8
SD	Sioux Falls	34	11.1	11.2	12.6	12.4	11.9	10.7	9.7	9.8	10.3	10.9	11.5	10.7	11.1
TN	Memphis	34	10.4	10.4	11.2	10.6	8.6	8.1	7.5	7.0	7.5	7.8	9.2	10.0	9.0
	Nashville	41	9.2	9.4	10.0	9.5	7.6	7.1	6.4	6.1	6.3	6.7	8.4	8.8	8.0
TX	Dallas-Fort Worth	29	11.1	11.9	13.0	12.6	11.0	10.7	9.4	9.0	9.3	9.6	10.5	11.0	10.8
	El Paso	40	8.8	9.6	11.5	11.6	10.8	9.8	8.6	8.2	8.0	7.9	8.2	8.3	9.3
	Houston	13	8.3	8.7	9.5	9.2	8.2	7.7	6.8	5.9	6.7	6.6	7.7	7.9	7.8
UT	Salt Lake City	53	7.7	8.2	9.3	9.5	8.4	9.4	9.5	9.6	9.1	8.5	7.8	7.5	8.8
VT	Burlington	39	9.6	9.3	9.4	9.4	8.8	8.3	7.9	7.5	8.1	8.6	9.5	9.8	8.8
VA	Norfolk	34	11.5	11.9	12.3	11.8	10.2	9.6	8.8	8.8	8.9	9.5	10.4	10.6	11.0
	Richmond	34	8.0	8.5	8.9	8.8	7.6	7.2	6.6	6.3	6.5	6.9	7.4	7.6	7.5
WA	Seattle	34	9.9	9.7	10.0	9.7	9.0	8.8	8.3	8.3	8.1	8.7	9.2	9.8	9.1
	Spokane	35	8.7	9.2	9.6	9.8	8.9	8.9	8.3	8.1	8.1	8.0	8.2	8.8	8.7
WV	Charleston	35	7.7	7.7	8.4	7.8	6.2	5.8	5.1	4.4	4.8	5.3	8.8	7.2	8.4
	Milwaukee	42	12.8	12.7	13.1	13.0	11.9	10.5	9.6	9.5	10.6	11.4	12.6	12.4	11.7
WY	Cheyenne	25	15.3	14.9	14.6	14.3	12.6	11.4	10.3	10.4	11.1	12.3	13.3	14.9	13.0
PR	San Juan	27	6.8	9.2	9.5	9.3	8.5	9.0	9.8	9.1	7.5	6.9	7.5	8.6	8.6

¹ For period of record through 1976; city office data.

Source: U.S. National Oceanic and Atmospheric Administration, Comparative Climatic Data, annual.

Figure 7.3
U.S. Weather Zone Map of Heating Degree Days (HDD) and Cooling Degree Days (CDD)



Note: Heating degree days (HDD) refers to the number of degrees the daily average temperature is below 65 degrees Fahrenheit. Cooling degree days (CDD) refers to the number of degrees the daily average temperature is above 65 degrees Fahrenheit.

Source: Chart prepared by U.S. Bureau of the Census.

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Heating Degree Days

NO. 369. NORMAL MONTHLY AND SEASONAL HEATING DEGREE DAYS, 65° BASE—SELECTED CITIES
 [Airport data, except as noted. Based on standard 30-year period, 1951 through 1980. For definition of "degree day," see text, p. 190.]

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Seasonal
AL	Mobile	469	342	191	43	-	-	-	-	-	50	218	382	1,895
AK	Juneau	1,339	1,042	1,048	777	574	369	288	322	474	719	969	1,184	9,705
AZ	Phoenix	394	258	187	52	-	-	-	-	-	13	159	368	1,442
AR	Little Rock	778	585	417	124	18	-	-	-	8	132	414	676	3,152
CA	Los Angeles	286	233	240	180	106	54	17	12	16	55	139	255	1,595
	Sacramento	611	412	366	229	83	21	-	-	7	82	360	601	2,772
	San Francisco	512	375	379	306	226	139	103	89	80	148	315	490	3,161
CO	Denver	1,101	879	837	528	253	74	-	-	135	414	789	1,004	6,014
CT	Hartford	1,234	1,047	874	496	197	20	-	8	102	391	702	1,113	6,174
DE	Wilmington	1,048	890	719	378	130	6	-	-	36	282	582	915	4,986
DC	Washington	924	770	595	257	68	-	-	-	13	197	489	809	4,122
FL	Jacksonville	396	302	166	21	-	-	-	-	-	21	164	332	1,402
	Miami	76	62	14	-	-	-	-	-	-	5	42	199	-
GA	Atlanta	716	563	400	133	37	5	-	-	7	130	394	636	3,021
HI	Honolulu	-	-	-	-	-	-	-	-	-	-	-	-	-
ID	Boise	1,088	809	732	492	253	83	-	23	134	406	759	1,023	5,802
IL	Chicago	1,352	1,092	899	486	224	38	-	9	75	368	756	1,155	6,455
	Peoria	1,349	1,070	858	411	176	22	-	5	64	361	756	1,153	6,226
IN	Indianapolis	1,208	983	775	382	158	15	-	-	63	330	696	1,039	5,850
IA	Des Moines	1,438	1,134	927	435	156	17	-	-	80	357	792	1,218	6,554
KS	Wichita	1,097	837	656	275	89	7	-	-	37	219	621	949	4,787
KY	Louisville	1,008	815	624	264	98	5	-	-	32	250	567	862	4,525
LA	New Orleans	423	318	171	25	-	-	-	-	-	31	186	336	1,490
ME	Portland	1,349	1,176	1,020	666	378	107	22	54	201	515	798	1,215	7,501
MD	Baltimore	1,001	848	673	334	115	-	-	-	29	261	561	884	4,706
MA	Boston	1,097	960	825	489	218	25	-	6	80	329	594	970	5,593
MI	Detroit	1,290	1,098	930	528	247	36	5	12	106	414	765	1,132	6,563
MN	Sault Ste. Marie	1,603	1,420	1,274	807	480	210	101	123	306	611	966	1,404	9,305
MT	Duluth	1,820	1,484	1,305	801	456	179	71	115	334	645	1,104	1,987	9,901
	Minneapolis-St. Paul	1,668	1,330	1,110	570	238	41	12	16	160	488	954	1,420	8,007
MS	Jackson	811	462	303	77	9	-	-	-	-	98	316	513	2,389
MO	Kansas City	1,212	921	729	314	112	12	-	-	42	258	657	1,026	5,283
	St. Louis	1,122	874	676	279	110	12	-	-	40	258	612	955	4,938
MT	Great Falls	1,435	1,072	1,042	659	369	141	20	66	268	536	930	1,219	7,756
NE	Omaha	1,389	1,058	859	390	130	16	-	-	73	342	765	1,172	6,194
NV	Reno	1,017	773	756	558	333	124	16	59	171	456	759	1,008	6,030
NH	Concord	1,398	1,198	1,020	627	314	67	20	39	191	521	831	1,256	7,492
NJ	Atlantic City	1,029	898	744	420	169	26	-	-	27	298	582	805	5,086
NM	Albuquerque	936	717	583	302	81	-	-	-	12	242	630	911	4,414
NY	Albany	1,361	1,165	973	552	252	38	7	15	149	450	771	1,194	6,927
	Buffalo	1,287	1,134	992	588	294	53	9	25	130	423	741	1,122	6,798
NC	New York ¹	1,029	885	732	378	134	7	-	-	36	240	534	893	4,868
	Charlotte	760	619	459	155	50	-	-	-	10	165	429	694	3,342
	Raleigh	787	655	496	181	53	-	-	-	9	187	450	713	3,531
ND	Bismarck	1,807	1,414	1,209	675	324	100	18	57	255	586	1,092	1,538	9,075
OH	Cincinnati	1,076	882	682	317	122	8	-	-	39	279	612	933	4,950
	Cleveland	1,225	1,053	880	507	244	33	8	11	99	371	696	1,051	6,178
	Columbus	1,175	986	775	408	178	19	-	5	78	355	687	1,020	5,666
OK	Oklahoma City	902	678	506	184	41	-	-	-	15	145	486	778	3,735
OR	Portland	869	610	592	438	263	118	35	51	111	332	565	747	4,681
PA	Philadelphia	1,048	893	719	363	127	-	-	-	33	273	576	915	4,947
	Pittsburgh	1,187	1,014	822	447	201	28	-	13	101	393	702	1,042	5,950
RI	Providence	1,141	1,000	856	513	239	31	-	6	94	366	648	1,014	5,908
SC	Columbia	637	508	348	87	22	-	-	-	123	239	567	828	-
SD	Sioux Falls	1,631	1,285	1,073	561	240	52	14	15	161	489	960	1,404	7,885
TN	Memphis	767	602	433	126	25	-	-	-	9	137	415	873	3,207
	Nashville	885	689	510	186	55	-	-	-	19	193	492	747	3,756
TX	Dallas-Fort Worth	651	469	313	85	-	-	-	-	-	56	300	533	2,407
	El Paso	645	485	318	93	-	-	-	-	-	96	408	639	2,664
	Houston	442	314	175	32	-	-	-	-	-	36	201	349	1,549
UT	Salt Lake City	1,128	885	753	474	220	53	-	-	97	377	759	1,076	5,802
VT	Burlington	1,500	1,313	1,110	669	326	64	23	50	202	530	652	1,314	7,953
VA	Norfolk	778	689	512	219	53	-	-	-	9	146	393	667	3,446
	Richmond	880	731	552	226	65	-	-	-	24	221	483	778	3,980
WA	Seattle-Tacoma	803	622	645	489	313	169	76	97	169	388	606	744	5,121
	Spokane	1,218	913	849	576	329	140	17	63	209	539	903	1,116	6,882
WV	Charleston	995	823	626	298	125	16	-	-	51	301	591	871	4,697
WI	Milwaukee	1,435	1,176	1,020	612	334	84	11	25	117	444	831	1,237	7,326
WY	Cheyenne	1,206	1,000	1,020	696	397	139	24	37	235	543	906	1,107	7,310
PR	San Juan	-	-	-	-	-	-	-	-	-	-	-	-	-

- Represents zero ¹ City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatology of the United States*, No. 81, Sept. 1982.

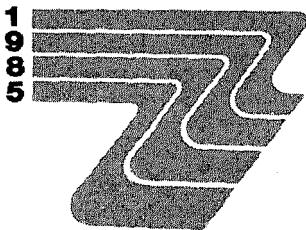
NO. 370. NORMAL MONTHLY AND SEASONAL COOLING DEGREE DAYS, 65° BASE—SELECTED CITIES

[Airport data, except as noted. Based on standard 30-year period, 1951 through 1980. For definition of "degree day," see text, p. 190.]

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Seasonal
AL	Mobile	29	23	39	133	307	465	533	521	396	158	26	13	2,643
AK	Juneau	-	-	-	-	-	-	-	-	-	-	-	-	-
AZ	Phoenix	-	20	51	142	376	645	846	772	588	273	27	8	3,746
AR	Little Rock	-	20	46	168	405	530	496	287	73	-	-	-	2,045
CA	Los Angeles	7	12	-	15	25	72	141	176	153	95	25	7	728
	Sacramento	-	-	-	25	80	207	329	301	208	48	-	-	1,198
	San Francisco	-	-	-	-	-	19	18	27	47	12	-	-	115
CO	Denver	-	-	-	-	11	134	261	203	63	8	-	-	680
CT	Hartford	-	-	-	-	24	128	260	203	51	-	-	-	686
DE	Wilmington	-	-	-	-	43	192	341	304	123	12	-	-	1,015
DC	Washington	-	-	-	8	99	285	431	391	196	20	-	-	1,430
FL	Jacksonville	30	25	51	102	282	420	505	498	396	160	38	15	2,520
	Miami	141	140	222	309	419	480	539	552	504	400	239	150	4,095
GA	Atlanta	-	-	-	12	37	170	329	422	409	247	44	-	1,670
HI	Honolulu	236	221	291	321	368	423	488	496	468	450	348	279	4,389
ID	Bolse	-	-	-	-	17	107	298	240	80	-	-	-	742
IL	Chicago	-	-	-	-	41	146	252	223	66	12	-	-	740
IN	Peoria	-	-	-	-	71	208	314	256	82	17	-	-	948
IA	Indianapolis	-	-	-	-	80	213	313	257	111	14	-	-	988
KS	Des Moines	-	-	-	-	66	215	354	279	83	22	-	-	1,019
KY	Wichita	-	-	8	14	117	340	508	456	205	36	-	-	1,684
LA	Louisville	-	-	7	12	110	266	381	353	179	24	-	-	1,342
	New Orleans	32	30	59	136	307	459	530	518	405	161	36	13	2,688
ME	Portland	-	-	-	-	-	-	23	118	104	9	-	-	254
MD	Baltimore	-	-	-	-	66	221	366	329	146	10	-	-	1,138
MA	Boston	-	-	-	-	17	115	265	220	66	13	-	-	699
MI	Detroit	-	-	-	-	33	117	219	183	55	8	-	-	615
MN	Sault Ste. Marie	-	-	-	-	6	12	55	58	-	-	-	-	131
	Duluth	-	-	-	-	-	11	80	59	-	-	-	-	150
MS	Minneapolis-St. Paul	-	-	-	-	36	134	263	190	28	11	-	-	662
MO	Jackson	13	17	34	80	241	426	524	502	342	98	13	-	2,290
	Kansas City	-	-	-	8	99	270	423	363	144	26	-	-	1,333
	St. Louis	-	-	-	12	128	306	431	372	181	38	-	-	1,468
MT	Great Falls	-	-	-	-	48	153	144	40	8	-	-	-	381
NE	Omaha	-	-	-	6	77	256	394	320	97	16	-	-	1,166
NV	Reno	-	-	-	-	11	46	156	117	27	-	-	-	357
NH	Concord	-	-	-	-	10	58	160	111	14	-	-	-	353
NJ	Atlantic City	-	-	-	-	26	152	291	248	75	-	-	-	792
NM	Albuquerque	-	-	-	-	59	285	428	344	132	6	-	-	1,254
NY	Albany	-	-	-	-	19	89	206	145	35	-	-	-	494
	Buffalo	-	-	-	18	83	186	146	43	-	-	-	-	476
NC	New York ¹	-	-	-	-	56	199	383	322	135	14	-	-	1,089
	Charlotte	-	-	7	14	149	304	419	400	220	33	-	-	1,546
ND	Raleigh	-	-	9	16	121	270	394	372	189	23	-	-	1,394
	Bismarck	-	-	-	-	10	79	165	174	24	-	-	-	473
OH	Cincinnati	-	-	-	8	101	230	344	310	144	22	-	-	1,159
	Cleveland	-	-	-	-	33	111	213	178	72	5	-	-	612
	Columbus	-	-	-	-	66	175	273	235	102	11	-	-	862
OK	Oklahoma City	-	-	-	13	40	147	360	530	499	264	61	-	1,914
OR	Portland	-	-	-	-	6	43	119	122	42	-	-	-	332
PA	Philadelphia	-	-	-	-	59	202	357	319	129	9	-	-	1,075
RI	Pittsburgh	-	-	-	-	37	121	222	186	74	5	-	-	645
SC	Providence	-	-	-	-	10	85	235	195	49	-	-	-	574
SD	Columbia	8	6	20	51	223	381	496	471	297	74	6	-	2,033
TN	Sioux Falls	-	-	-	-	29	154	293	226	41	6	-	-	749
	Memphis	-	-	20	54	211	411	530	484	285	72	-	-	2,067
	Nashville	-	-	14	24	151	328	446	415	239	45	-	-	1,661
TX	Dallas-Fort Worth	-	7	37	112	275	510	660	636	408	146	18	-	2,809
	El Paso	-	-	11	51	218	474	543	474	273	52	-	-	2,096
UT	Houston	20	20	51	143	307	468	561	546	402	181	54	8	2,761
	Salt Lake City	-	-	-	-	28	152	388	311	97	5	-	-	981
VA	Burlington	-	-	-	-	22	61	165	115	16	-	-	-	379
	Norfolk	-	-	-	15	98	262	415	394	225	31	-	-	1,458
WA	Richmond	-	-	-	13	99	258	397	366	180	23	-	-	1,336
	Seattle-Tacoma	-	-	-	-	25	70	70	19	-	-	-	-	184
WV	Spokane	-	-	-	-	8	41	162	159	41	-	-	-	411
	Charleston	-	-	-	7	91	198	295	270	129	19	-	-	1,007
WI	Milwaukee	-	-	-	-	18	81	182	158	24	7	-	-	470
WY	Cheyenne	-	-	-	-	-	49	145	93	22	-	-	-	309
PR	San Juan	357	325	388	414	474	501	527	533	507	508	438	394	5,366

- Represents zero ¹City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatology of the United States*, No. 81, Sept. 1982.



Section 8

Parks and Recreation

This section presents statistics on national parks and forests, State parks, recreational activities, the arts and humanities, and domestic and foreign travel.

Parks and recreation.—The Department of the Interior has responsibility for administering the national parks. As part of this function, it compiles data and issues various reports relating to the usage of public parks for recreation purposes. The National Park Service publishes information on visits to national park areas in its annual report, *National Park Statistical Abstract*; the *Index-National Park System and Related Areas*, a biannual report, presents data on acreage in public parks; and its *National Parks and Landmarks* gives brief descriptions of each area administered by the Service and also covers sites eligible for registry as natural or national historic landmarks and nonfederally owned national historic sites. The National Park Service is also responsible for the administration of the Land and Water Conservation Fund, the Urban Park and Recreation program and several other outdoor recreation programs which were administered by the Heritage Conservation and Recreation Service until its abolishment in 1981.

Statistics for State parks are compiled by the National Association of State Park Directors which issues its annual *Information Exchange*. The Bureau of Land Management, in its *Public Land Statistics*, also issues data on recreational use of its lands. The Department of Agriculture's Forest Service, in its *Report of the Forest Service*, issues data on recreational uses of the national forests.

Statistics on recreation other than usage of public lands have not generally been compiled and published in a systematic way. In general, more data are available in the files of public and private bodies than have been published; and much of what is published is in forms not physically permanent nor likely to be preserved in libraries and other reference sources. The series presented here represent only the more readily available data.

Visitation.—Statistics presented on visitation to various recreation areas are collected by several different agencies and groups. The methodology used to collect these results, may vary accordingly from visual counts and estimates to the use of electromagnetic traffic counters. Many factors besides the methodology, may affect the results such as multiple or random access points, irregular boundaries, and many other general factors that may affect usage. In using and comparing these data, one should also be aware of several different definitions that follow: Recreation visit, which is the entry of any person into an area for recreation purposes; nonrecreation visits, which include visits going to and from inholdings, through traffic, tradespeople and personnel with business in the area; and visitor hour, which constitutes the presence of a person in a recreation area or site for recreational purposes for periods of time aggregating 60 minutes.

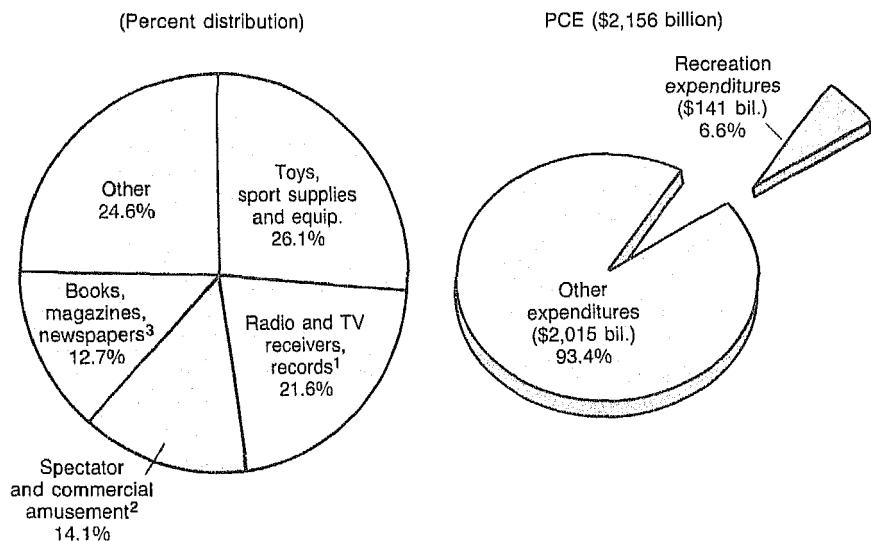
Recreation and Leisure Activities.—Statistics on the participation in various recreation and leisure time activities presented here are based on several sample surveys. Data on participation in fishing, hunting, and other forms of wildlife-associated recreation are published every five years by the U.S. Department of Interior, Fish and Wildlife Service. The most recent data are from the 1980 survey. Data on participation in various outdoor recreation activities are published by the National Park Service (1983 figures are the most recent). Data on the attendance at various art performances by demographic characteristics are presented for the first time by the National Endowment for the Arts.

Travel.—Data on the volume and characteristics of domestic travel are collected and published by the Bureau of the Census as part of its Census of Transportation carried out every 5 years. The most recent data now available are from the 1977 census. Data on household transportation are published by the U.S. Energy Information Administration and appear in Section 22.

Information on foreign travel and personal expenditures abroad, as well as expenditures by foreign citizens traveling in the United States, is compiled by the U.S. Bureau of Economic Analysis and published in selected issues of the monthly *Survey of Current Business*. Data on the number of passports issued annually to U.S. citizens are to be found in the annual *Summary of Passport Statistics* issued by the U.S. Dept. of State's Bureau of Consular Affairs. Statistics on arrivals to and departures from the United States by air are reported by the Department of Transportation in cooperation with the U.S. Immigration and Naturalization Service in *International Air Travel Statistics*.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970*. See Appendix I.

Figure 8.1

Personal Consumption Expenditures (PCE) for Recreation: 1983

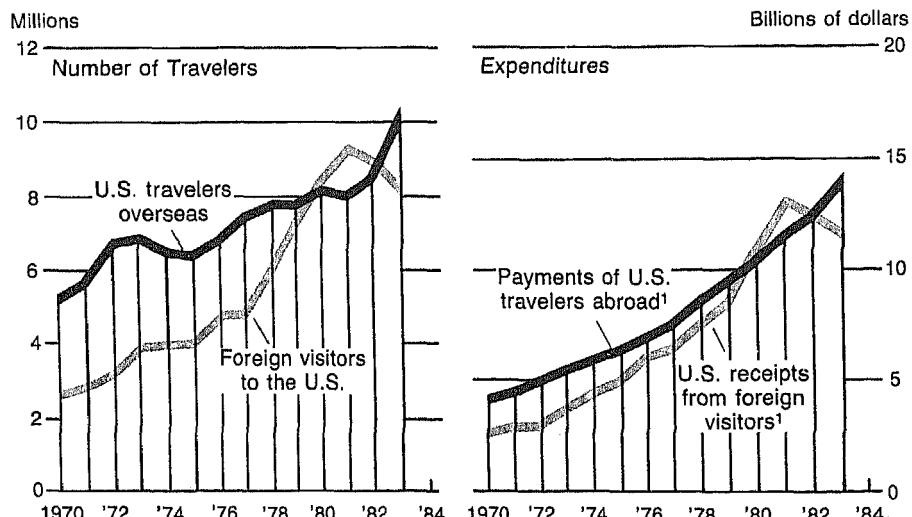
¹ Includes musical instruments and radio and TV repair.

² Includes admissions to spectator amusements, commercial participant amusement, and parimutuel net receipts.

³ Includes maps and sheet music.

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 377.

Figure 8.2

Overseas Travelers to and from the United States — Number and Expenditures: 1970 to 1983

¹ Excludes expenditures for U.S. or foreign flag carriers.

Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 398 and 399.

NO. 371. NATIONAL PARK SYSTEM—SUMMARY: 1960 TO 1983

[For years ending June 30 through 1975, thereafter ending Sept. 30; except as noted. Includes data for 5 areas in Puerto Rico and Virgin Islands and 1 area in Guam. See also *Historical Statistics, Colonial Times to 1970*, series H 806-828]

ITEM	1960	1965	1970	1975	1978	1979	1980	1981	1982	1983
Finances (mill. dol.):										
Expenditures reported ¹	74.2	131.6	138.8	341.8	473.4	482.8	574.3	1,172.9	1,012.5	1,008.0
Salaries and wages	29.9	48.6	82.5	152.1	223.5	238.3	289.3	302.6	320.1	353.0
Improvements, maintenance	4.7	8.3	15.5	40.4	63.9	67.8	77.3	82.3	89.3	102.4
Construction	33.2	55.3	23.9	85.5	101.5	76.7	126.8	123.2	72.9	87.5
Other	8.5	18.5	17.0	63.8	84.5	99.9	110.8	654.8	521.2	465.1
Funds available ¹	115.7	183.1	174.6	428.0	653.3	616.7	907.9	2,307.7	1,931.3	2,035.8
Appropriations	79.6	128.4	128.4	345.6	552.1	526.2	539.4	827.0	801.2	1,118.2
Other	36.2	54.7	45.2	82.4	101.2	90.5	368.5	1,480.7	1,130.1	917.6
Revenue from operations ²	5.7	7.4	8.8	17.2	22.9	21.1	21.1	22.9	25.5	33.1
Visits (millions):³										
All areas	79.2	121.3	172.0	238.8	283.1	282.4	300.3	329.7	334.4	334.5
National parks ⁴	26.6	36.6	45.9	58.8	62.9	57.5	60.2	63.3	63.5	63.8
National monuments	10.7	12.3	17.3	17.3	19.1	16.8	16.3	17.1	18.2	18.5
National historical, archeological, and military areas	21.8	40.7	47.0	75.7	88.4	83.9	88.5	95.0	95.1	95.3
National parkways	9.0	13.0	27.8	36.0	37.7	35.0	40.2	43.8	45.1	47.8
National recreation areas ⁴	3.7	6.2	11.5	23.9	38.9	41.3	48.1	51.1	52.9	54.4
National seashores .....	.5	3.4	9.1	13.3	17.6	14.2	15.0	16.0	15.5	16.7
National Capital Parks ⁵	6.9	9.2	10.3	11.2	3.3	2.8	4.1	6.7	7.3	6.3
Miscellaneous other areas	(x)	(x)	3.0	2.6	15.1	31.5	28.0	37.3	36.8	31.7
Overnight stays reported	9.4	13.0	16.2	16.7	17.6	16.0	16.5	17.0	16.9	16.1
Camper days	4.8	8.1	9.0	8.8	9.1	7.9	8.3	8.9	8.8	7.8
Tents	3.6	5.1	4.7	3.7	3.8	3.4	3.9	4.2	4.2	3.6
Recreation vehicles	1.3	3.0	4.3	5.1	5.4	4.5	4.4	4.7	4.6	4.2
In commercial lodgings	2.8	3.3	4.9	4.0	4.1	4.0	4.1	4.0	3.3	3.3
Other	1.8	1.6	2.2	3.9	4.3	4.1	4.1	4.1	4.8	5.0
Land (1,000 acres):										
Total ⁶	25,704	26,649	28,543	29,091	70,541	70,797	70,936	73,665	74,800	74,846
Parks	13,208	13,619	14,307	15,344	15,679	15,684	15,801	15,447	15,414	15,427
Recreation areas	3,214	3,497	3,628	3,156	3,255	3,280	3,322	3,327	3,313	3,317
Other	9,283	9,432	10,608	10,590	51,607	51,833	51,813	25,858	26,073	26,102
Acquisition, gross	21	319	83	110	266	86	121	70	40	46
By purchase	6	42	74	70	261	65	109	60	37	41
By gift	10	13	1	(2)	5	4	7	6	3	2
By transfer or exchange	5	264	10	40	(2)	17	5	4	(2)	6
Exclusion	(z)	(z)	2	(z)	(z)	1	(z)	(z)	(z)	1
Acquisition, net	21	318	82	110	266	85	121	70	40	46

X Not applicable. Z Less than 1,000 acres. ¹ For 1960-1980; excludes transfers and allocations from appropriations to other agencies (e.g., Land and Water Conservation Fund, etc.). Beginning 1981, data reflect absorption by National Park Service of activities of former Heritage Conservation and Recreation Service (e.g., Land and Water Conservation Fund). See text, p. 219.

² Receipts deposited in Treasury; beginning 1975, receipts from annual admission permit (Golden Eagle Passport) and special recreation use fees are available for NPS expenditure. ³ For calendar year. For 1980 excludes visits to White House.

⁴ Beginning 1970, combined data for North Cascades National Park and two adjacent National Recreation Areas are included in National Parks total. ⁵ Beginning 1977, visits to some areas previously included in National Capital Parks now included in other areas.

⁶ Federal land only, as of Dec. 31. ⁷ On Dec. 1, 1978 over 40 million acres of public domain land in AK were added to the system. ⁸ Several areas of the National Park System were reclassified as national parks in 1981, therefore data are not comparable with prior years. ⁹ Represents U.S. lands alienated by exchange of U.S. and private lands.

Source: U.S. National Park Service, visits, 1960-1970, *Campground Use in the National Park Service*, annual, *Camper Days in Areas Administered by the National Park Service*, annual, and *Public Use of the National Parks*, monthly; 1975, *Public Use of the National Park System*, semiannual; thereafter, *National Park Statistical Abstract*, annual and unpublished data. Land, 1960-1978, *Areas Administered by the National Park Service*, semiannual; thereafter, *Index—National Park System and Related Areas*, biannual. Other data are unpublished.

NO. 372. NATIONAL PARK SYSTEM—TYPE OF AREA: 1983

[As of September 30. Totals include 5 areas in Puerto Rico and Virgin Islands, and 1 area in Guam. See also *Historical Statistics, Colonial Times to 1970*, series H 806-828]

TYPE OF AREA	Number of areas	Federal acreage	TYPE OF AREA	Number of areas	Federal acreage
National Park System	335	74,845,749	National seashores	10	457,000
National parks	48	45,427,287	Parkways	4	159,093
National historical parks	26	91,603	National lakeshores	4	127,182
National monuments	78	4,486,377	National rivers	11	222,899
National military parks	10	33,530	National Capital Parks	1	6,467
National battlefield parks	10	8,193	Parks, other	10	30,833
National battlefield sites	3	6,675	National recreation areas	17	3,316,723
National historic sites	1	1	National Trail	1	55,845
National memorials	63	16,201	National preserves	12	20,421,677
	24	7,988	National Mall	1	146
			White House	1	18

Source: U.S. National Park Service, *Index—National Park System and Related Areas*, biannual.

Parks and Recreation

NO. 373. SELECTED NATIONAL PARK SERVICE AREAS—ACREAGE, 1983, VISITS AND OVERNIGHT STAYS, 1981 TO 1983

[Acreage as of December 31. Area selection based on minimum of 5 million visits or 250,000 overnight stays in 1982. For information on methodology and definition of "visits", see text, p. 219.]

AREA	Acre- age, ¹ 1983 (1,000)	VISITS (mil.)				OVERNIGHT STAYS ³ (1,000)			
		1981, total		1982, total		1983		1983	
		Total ²	Recreation	Total ²	Recreation	Total ²	Recreation	1981	1982
Total, all areas⁴	79,392	329.7	334.4	335.6	243.6	16,989	16,873	16,103	
Blue Ridge Parkway, NC, VA	82	17.0	17.8	18.9	15.2	288	268	234	
Cape Hatteras National Seashore, NC	30	1.8	1.9	2.0	1.7	279	280	244	
Chickamauga and Chattanooga National Military Park, TN, GA	8	12.5	11.3	13.1	1.0	3	2	2	
Colonial National Historical Park, VA ⁵	9	12.2	12.2	6.0	2.1	-	-	-	
Death Valley National Monument, CA	2,068	.6	.7	.7	.6	334	369	378	
Gateway National Recreation Area, NJ, NY	26	9.6	10.1	10.4	10.3	5	16	11	
Glacier National Park, MT	1,014	1.8	1.7	2.2	2.2	379	342	350	
Glen Canyon National Recreation Area, AZ, UT	1,237	1.8	1.8	1.9	1.9	1,181	1,323	1,444	
Golden Gate National Recreation Area, CA	73	20.3	19.9	17.6	17.6	-	-	-	21
Grand Canyon National Park, AZ	1,218	2.7	2.5	2.4	2.2	795	802	723	
Grand Teton National Park, WY	311	3.6	3.4	2.6	1.5	590	546	484	
Great Smoky Mountains National Park, NC, TN	520	12.0	12.9	13.0	8.4	621	560	434	
Hot Springs National Park, AR	6	5.3	5.0	5.2	1.2	9	8	7	
Kennesaw Mountain National Battlefield Park, GA ⁶	3	6.7	6.7	2.5	.9	6	-	-	1
Kings Canyon National Park, CA	460	.8	.8	.8	.8	313	283	291	
Lake Mead National Recreation Area, AZ, NV	1,497	5.4	5.6	6.1	5.9	1,390	1,563	1,574	
Natchez Trace Parkway, MS, TN, AL	50	16.8	16.6	19.2	12.8	14	17	18	
Olympic National Park, WA	915	2.7	3.0	2.9	2.4	427	350	331	
Ozark National Scenic Riverways, MO	81	1.8	1.9	1.8	1.4	263	289	267	
Rocky Mountain National Park, CO	265	2.9	2.6	2.7	2.6	310	280	247	
Sequoia National Park, CA	403	1.1	1.0	.9	.9	441	419	347	
Shenandoah National Park, VA	195	1.9	1.8	1.8	1.8	458	443	422	
Valley Forge National Historical Park, PA	3	12.2	12.5	13.0	3.4	-	-	-	
Yellowstone National Park, ID, MT, WY	2,220	2.5	2.4	2.4	2.3	1,388	1,317	1,292	
Yosemite National Park, CA	761	2.6	2.5	2.5	2.5	2,127	2,037	1,917	

¹ Represents zero. ² Includes non-Federal land. ³ Includes nonrecreation visits. ⁴ The passing of one night by a visitor within a park, and occurs each night a visitor remains in the park. ⁵ Includes areas not shown separately. ⁶ Visits for 1983 not comparable to previous years due to changes in counting procedures.

Source: U.S. National Park Service, *National Park Statistical Abstract*, annual, and unpublished data.

NO. 374. NATIONAL FOREST RECREATION USE—SUMMARY: 1983

(For year ending September 30. Estimated. Represents recreational use of National Forest land and water which aggregates 12 person-hours; may entail 1 person for 12 hours, 12 persons for 1 hour, or any equivalent combination of individual or group use, either continuous or intermittent. See also *Historical Statistics, Colonial Times to 1970*, series H 829-835.)

PLACE WHERE USE OCCURRED	Visitor-days (1,000)	Percent	ACTIVITY	Visitor-days (1,000)	Percent
Sites and areas	227,708	100.0	Total	227,708	100.0
Developed sites	80,988	35.6	Camping	54,103	23.8
Observation sites	1,257	.6	Picnicking	8,430	3.7
Boating and fishing sites	3,070	1.3	Recreation travel (mechanized)	51,635	22.7
Swimming sites, playgrounds, etc.	2,441	1.1	Water travel	8,814	3.9
Campgrounds and trailheads	36,673	16.1	Games and team sports	1,464	.6
Picnic grounds	4,923	2.2	Water skiing and other water sports	988	.4
Hotels, lodges, resorts	5,007	2.2	Swimming and scuba diving	5,216	2.3
Organization sites	5,198	2.3	Winter sports	14,747	6.5
Recreation residence sites	6,110	2.7	Fishing	15,567	6.8
Ski areas and winter sports sites	13,729	6.0	Hunting	16,129	7.1
Documentary areas, concession sites, visitor centers	2,580	1.1	Hiking and mountain climbing	12,497	5.5
Dispersed areas	146,720	64.4	Horseback riding	3,743	1.6
Roads (recreation)	52,675	23.1	Resort use	4,579	2.0
Trails (recreation)	12,986	5.7	Organization camp use	3,927	1.7
Airfields	15	(2)	Recreation cabin use	6,247	2.7
Waters	27,240	12.0	Gathering forest products	5,489	2.4
General undeveloped country	53,804	23.6	Nature study	1,730	.8
			Viewing scenery, sports, environment	8,859	3.9
			Visitor information (exhibits, talks, etc.)	3,534	1.6

Z Less than .05 percent.

Source: U.S. Forest Service, unpublished data.

NO. 375. RECREATIONAL USE OF PUBLIC LANDS ADMINISTERED BY BUREAU OF LAND MANAGEMENT:
1983

[For year ending Sept. 30. See text p. 219]

STATE	Number of visits (1,000)	Total visitor hours (1,000)	TYPE OF RECREATION USE (1,000)									
			Land-based recreation activities					Water-based recreation activities			Snow- and ice-based recreational activity, Winter sports	
			Motorized travel		Site based			Fishing	Boat- ing	Other		
Total	56,270	334,010	24,397	35,534	12,237	84,066	92,974	39,734	20,290	16,889	4,992	2,917
AK	222	2,790	76	311	58	1,504	74	84	74	559	2	48
AZ	1,176	22,132	1,032	145	565	15,433	2,623	1,933	135	203	51	25
CA	28,307	98,503	11,639	10,548	4,947	28,079	14,595	24,405	784	2,427	1,054	25
CO	5,818	28,281	640	2,327	487	4,305	9,494	2,586	4,468	1,098	2,625	271
ID	3,411	50,637	1,071	1,342	1,171	8,690	31,432	1,433	2,024	2,203	257	1,014
MT ¹	4,685	23,719	2,386	6,355	98	6,300	2,897	850	3,930	817	35	53
NV	4,730	8,694	1,517	594	1,015	706	2,178	646	1,927	78	1	32
NM	(NA)	6,169	326	662	759	553	2,391	773	325	117	158	105
OR ²	3,922	25,540	609	3,915	863	6,790	4,326	1,792	4,131	2,347	196	581
UT	2,231	23,587	2,426	5,584	774	4,840	2,849	4,195	1,066	1,975	107	231
WY	1,768	43,956	2,676	3,751	1,522	7,066	20,316	1,107	1,426	5,045	506	545

NA Not available.

¹ Includes North Dakota and South Dakota

² Includes Washington

Source: U.S. Bureau of Land Management, *Public Land Statistics*, annual.

NO. 376. STATE PARK AND RECREATION AREAS—STATES: 1983

[For year ending June 30. Data are shown as reported by State park directors. In some States, park agency has under its control forests, fish and wildlife areas and/or other areas. In other States, agency is only responsible for State parks]

REGION, DIVISION, AND STATE	Acre- age (1,000)	VISITORS (1,000)			Expendi- tures ¹ (mil. dol.)	DIVISION AND STATE	Acre- age (1,000)	VISITORS (1,000)			Expendi- tures ¹ (mil. dol.)
		Total	Day	Over- night				Total	Day	Over- night	
U.S.	9,938	644,843	589,524 ²	51,726	\$ 838	So. Atl.	941	61,521	55,801	5,723	(NA)
Regions:						DE	10	2,890	2,430	460	4
Northeast	1,578	127,476	120,421	7,057	188	MD	217	5,582	4,974	609	13
Midwest	1,522	181,449	164,705	16,740	161	VA	50	3,256	2,746	510	7
South	1,695	157,739	143,054	14,688	(NA)	WV	150	8,228	7,376	852	15
West	5,241	178,179	(NA)	(NA)	NC	120	5,211	4,954	257	7	
N. Eng.	753	36,055	33,446	2,610	56	SC	81	11,335	10,340	996	10
ME	68	2,615	2,343	272	3	GA	60	10,199	8,427	773	17
NH	71	4,210	3,998	211	8	FL	253	14,820	13,554	1,266	(NA)
VT	177	919	574	346	3	E. So. Cent.	279	52,548	48,940	3,608	97
MA	261	11,462	10,806	856	31	KY	43	22,890	21,709	1,182	44
RI	11	7,700	7,200	500	4 ¹	TN	167	20,033	18,768	1,268	29
CT	167	9,149	8,725	425	10	AL	48	5,172	4,459	712	12
Mid. Atl.	825	91,421	86,975	4,447	132	MS	21	4,453	4,006	446	12
NY	256	49,400	47,000	2,400	89	W. So. Cent.	375	43,870	38,313	5,357	84
NJ	290	8,950	8,454	496	14	AR	44	6,604	5,906	699	13
PA	279	33,071	31,521	1,551	4 ²⁹	LA	37	1,163	895	267	19
E. No. Cent.	808	132,747	121,007	11,736	108	OK	100	17,831	15,972	1,859	20
OH	112	62,125	59,389	2,735	34	TX	194	16,072	15,540	2,532	32
IN	54	8,603	6,969	1,633	4 ⁷	Mt.	768	29,552	25,980	3,572	44
IL	273	30,544	29,978	566	36	MT	49	3,608	3,152	456	4
MI	248	20,677	15,342	5,334	20	ID	42	1,923	1,738	185	3
WI	121	10,798	9,329	1,468	11	WY	123	628	211	417	4
W. No. Cent.	714	49,702	43,898	5,004	53	CO	160	6,410	6,029	381	5
MN	182	6,070	5,424	646	12	NM	109	4,980	3,720	1,240	6
IA	161	14,829	14,486	343	15	AZ	34	2,088	1,852	237	6
MO	88	9,709	8,705	1,004	16	UT	96	5,714	5,261	453	9
ND	15	931	812	118	3	NV	153	4,220	4,017	203	4
SD	90	4,897	4,604	294	5	Pac.	4,475	146,627	(NA)	(NA)	191
NE	137	7,870	6,994	876	6	WA	220	39,594	37,857	1,637	21
KS	31	4,396	2,673	1,723	6	OR	88	32,249	30,585	1,684	14
						CA	1,116	61,259	55,022	6,237	141
						AK	3,030	3,600	(NA)	(NA)	6
						HI	21	11,925	11,820	105	9

NA Not available. ¹ Covers operating expenditures and fixed capital outlay expenditures. ² Excludes Alaska. ³ Excludes Florida. ⁴ Excludes capital outlay expenditures.

Source: National Association of State Park Directors, Indianapolis, IN, *Annual Information Exchange*.

Parks and Recreation

NO. 377. PERSONAL CONSUMPTION EXPENDITURES FOR RECREATION: 1970 TO 1983

[In millions of dollars, except percent. Represents market value of purchases of goods and services by individuals and nonprofit institutions. See *Historical Statistics, Colonial Times to 1970*, series H 878-893, for figures issued prior to 1981 revisions]

TYPE OF PRODUCT OR SERVICE	1970	1975	1978	1979	1980	1981	1982	1983
Total recreation expenditures	41,322	65,554	89,498	98,650	107,119	120,641	127,829	141,275
Percent of total personal consumption	6.6	6.7	6.6	6.6	6.4	6.5	6.4	6.6
Books and maps	2,903	3,775	5,435	6,107	6,552	7,316	7,749	8,376
Magazines, newspapers, sheet music	4,005	5,840	7,213	7,882	8,581	9,108	9,447	9,630
Nondurable toys and sport supplies	5,474	8,523	11,299	12,765	13,795	15,188	15,987	18,134
Wheel goods, durable toys, sports equipment	5,146	9,734	13,570	15,135	15,333	16,688	16,830	18,739
Radio and TV receivers, records, musical instruments	6,436	13,970	18,533	20,860	22,221	24,359	24,675	26,867
Radio and television repair	1,279	2,245	2,823	2,975	3,343	3,422	3,478	3,679
Flowers, seeds, and potted plants	1,775	2,965	4,128	4,452	4,871	5,406	5,589	6,257
Admissions to specified spectator amusements	3,210	3,591	5,802	6,284	6,438	6,864	7,540	8,252
Motion picture theaters	1,536	1,480	2,811	2,946	2,750	2,966	3,453	3,766
Legitimate theaters and opera, and entertainments of nonprofit institutions	601	687	1,064	1,223	1,431	1,642	1,716	1,908
Spectator sports	1,173	1,444	1,927	2,115	2,257	2,256	2,371	2,578
Clubs and fraternal organizations	1,216	1,654	1,921	2,072	2,278	2,523	2,753	2,955
Commercial participant amusements	2,189	3,615	5,079	5,384	6,076	8,389	9,476	10,847
Parimutuel net receipts	1,096	1,568	1,722	1,762	1,859	1,965	1,951	1,974
Other	4,693	8,273	11,973	13,172	15,762	19,415	22,374	25,565

¹ See table 724. ² Includes boats and pleasure aircraft. ³ Except athletic. ⁴ Consists of dues and fees excluding insurance premiums. ⁵ Consists of billiard parlors; bowling alleys; dancing, riding, shooting, skating, and swimming places; amusement devices and parks; golf courses; sightseeing buses and guides; private flying operations and other commercial participant amusements. ⁶ Consists of net receipts of lotteries and expenditures for purchase of pets and pet care services, cable TV, film processing, photographic studios, sporting and recreation camps, and recreational services, not elsewhere classified.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-1976*; and *Survey of Current Business*, July issues.

NO. 378. QUANTITY OF BOOKS SOLD AND VALUE OF U.S. DOMESTIC CONSUMER EXPENDITURES, BY TYPE OF PUBLICATION AND MARKET AREA: 1974 TO 1982

[Includes all titles released by publishers in the U.S. and imports which appear under the imprints of American publishers. Multi-volume sets, such as encyclopedias, are counted as one unit]

TYPE OF PUBLICATION AND MARKET AREA	1974	1975	1976	1977	1978	1979	1980	1981	1982
UNITS SOLD (mil.)									
Total	1,411	1,405	1,435	1,529	1,609	1,644	1,693	1,741	1,736
Hardbound, total	467	459	460	484	512	534	562	601	566
Softbound, total	944	946	975	1,045	1,097	1,110	1,131	1,139	1,169
Trade	272	248	260	287	323	327	389	396	409
Adult	187	166	176	194	217	226	268	271	243
Juvenile	85	81	84	93	106	101	121	125	162
Religious	62	81	94	106	112	108	99	96	98
Professional	46	44	47	51	50	53	52	52	55
Bookclubs	196	188	207	212	231	221	211	210	180
Ehi text	270	257	242	247	252	261	251	253	247
College text	83	84	84	84	89	92	96	98	98
Mail order publications	30	.33	40	40	43	46	51	60	55
Mass market paperbacks	443	461	452	494	500	527	534	584	583
General retailers	633	524	561	618	664	682	736	785	814
College stores	183	177	187	197	201	189	197	201	204
Libraries and institutions	59	61	63	66	70	72	73	66	63
Schools	304	307	289	301	305	319	308	293	282
Direct to consumers	262	260	289	300	317	320	315	326	293
Other	70	82	52	47	52	61	63	70	79
CONSUMER EXPENDITURES (mil. dol.)									
Total	3,954	4,518	5,057	5,762	6,612	7,309	8,219	9,152	8,707
Hardbound, total	2,712	3,011	3,336	3,707	4,247	4,715	5,223	5,833	5,962
Softbound, total	1,242	1,507	1,721	2,055	2,365	2,594	2,996	3,319	3,746
Trade	897	982	1,071	1,265	1,506	1,829	1,984	2,229	2,278
Adult	711	776	859	1,033	1,239	1,345	1,640	1,866	1,874
Juvenile	188	206	212	232	267	284	344	364	404
Religious	206	281	350	401	432	480	516	568	633
Professional	441	493	565	645	775	888	994	1,099	1,224
Bookclubs	287	312	360	396	455	493	524	555	565
Ehi text	605	683	682	739	817	913	936	956	1,075
College text	482	607	665	720	828	926	1,075	1,210	1,339
Mail order publications	253	297	378	405	452	498	578	675	617
Mass market paperbacks	477	588	691	860	965	1,073	1,208	1,398	1,550
General retailers	1,150	1,369	1,594	1,889	2,221	2,542	2,028	3,498	3,754
College stores	685	812	911	1,047	1,189	1,231	1,437	1,825	1,792
Libraries and institutions	323	388	434	486	556	605	680	683	751
Schools	771	858	846	954	1,083	1,177	1,222	1,268	1,330
Direct to consumers	960	1,017	1,203	1,305	1,488	1,659	1,769	1,950	1,939
Other	65	93	71	81	95	94	108	128	141

¹ Includes university press publications and subscription reference works not shown separately by type.

Source: Book Industry Study Group, Inc., New York, NY, *Book Industry Trends*, 1984. (Copyright.)

Books and Periodicals

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No. 379. NEW BOOKS AND NEW EDITIONS PUBLISHED, BY SUBJECT, 1970 TO 1983, AND IMPORTS, 1979 TO 1983

[Prior to 1979, book entries comprise all titles submitted for listing in Bowker's *Weekly Record* during calendar year. Beginning 1979, covers listings in year shown, plus titles issued in that year which were listed in following six months. Comprises new books (published for first time) and new editions (with changes in text or format). Excludes government publications; books sold only by subscription; dissertations; periodicals and quarters; and pamphlets under 49 pages. Data for imports in 1982 are not available. See also *Historical Statistics, Colonial Times to 1970*, series R 191-216.]

SUBJECT	NEW BOOKS AND NEW EDITIONS							IMPORTS			
	1970	1975	1979	1980	1981	1982	1983	1979	1980	1981	1983
Total	36,071	39,372	45,182	42,377	48,793	46,935	53,380	5,458	5,380	3,830	5,918
Agriculture	265	456	538	461	474	439	572	117	104	65	87
Art	1,169	1,561	2,021	1,691	1,693	1,722	1,896	230	157	124	137
Biography	1,536	1,988	2,042	1,891	1,860	1,752	2,135	173	126	79	150
Business	797	820	1,362	1,185	1,342	1,327	1,636	79	74	46	132
Education	11,178	1,038	1,121	1,011	1,172	1,046	1,059	169	133	93	140
Fiction	3,137	3,809	3,264	2,635	5,655	5,419	5,470	71	71	55	127
General reference	846	1,113	1,471	1,643	1,743	2,398	2,767	150	132	104	241
History	1,995	1,823	2,160	2,220	2,321	2,177	2,296	299	296	186	291
Home economics	321	728	897	879	1,108	1,098	1,325	51	40	9	43
Juvenile	2,640	2,292	3,052	2,859	3,102	3,049	3,197	43	58	32	72
Language	472	438	560	529	761	576	669	137	134	75	60
Law	604	915	1,218	1,102	1,448	1,451	1,756	91	112	82	141
Literature	3,085	1,904	1,749	1,686	1,777	1,742	1,957	194	183	124	200
Medicine	1,476	2,282	3,257	3,292	3,788	3,229	4,002	540	671	455	474
Music	404	305	388	357	398	346	417	34	35	28	60
Philosophy, psychology	1,280	1,374	1,377	1,429	1,465	1,465	1,578	152	218	148	183
Poetry, drama	1,474	1,501	1,361	1,179	1,183	1,049	1,234	139	120	97	168
Religion	1,788	1,773	2,325	2,055	2,278	2,075	2,433	136	94	73	119
Science	2,958	2,842	3,156	3,109	3,375	3,124	3,620	890	1,068	752	1,042
Sociology, economics	5,912	6,590	7,715	7,152	7,801	7,449	8,470	1,236	1,050	835	1,294
Sports, recreation	789	1,225	1,122	971	1,264	1,181	1,395	125	85	52	136
Technology	1,141	1,720	2,391	2,337	2,313	2,328	2,994	328	373	283	481
Travel	1,394	794	634	504	472	482	562	74	55	32	60

¹ Increase is due largely to a major improvement in the recording of paperbound books.

Source: R. R. Bowker Co., New York, NY, *Publishers Weekly*. (Copyright by Xerox Corporation.)

No. 380. BOOKS AND PERIODICALS—AVERAGE RETAIL PRICES: 1975 TO 1984

[See headnote, table 379]

SUBJECT	HARDCOVER BOOKS (per vol.)				SUBJECT	PERIODICALS ^a			
	1975	1980	1982	1983		1975	1980	1983	1984
Total ¹	\$16.19	\$24.64	\$30.34	\$31.19	Total	\$19.94	\$34.54	\$50.23	\$54.97
Agriculture	13.72	27.55	33.54	33.39	Agriculture	9.70	15.24	21.27	24.06
Art	17.90	27.70	31.68	33.79	Business and economics	15.26	25.42	35.67	38.87
Biography	14.09	19.77	22.27	22.49	Chemistry and physics	76.84	137.45	207.94	228.90
Business	16.54	22.45	25.58	27.72	Children's periodicals	4.89	7.85	11.49	12.21
Economics ²	21.65	31.76	45.12	43.34	Education	14.72	23.45	31.36	34.01
Education	10.81	17.01	20.74	21.56	Engineering	26.84	49.15	73.18	78.70
Fiction	8.31	12.46	13.91	14.29	Fine and applied arts	11.09	18.67	25.17	26.90
General reference	21.60	29.84	37.29	37.45	History	11.14	15.77	22.43	23.68
History	15.85	22.78	26.25	24.96	Home economics ³	14.24	24.63	35.68	37.15
Home economics	10.27	13.31	16.42	16.82	Industrial arts	10.59	20.70	28.83	30.40
Juveniles	5.62	8.16	8.77	9.73	Journalism, communications	14.70	27.34	37.39	39.25
Language	15.80	22.16	22.85	23.80	Labor and industrial relations	7.40	18.84	29.22	29.87
Law	23.22	33.25	35.61	39.09	Law	15.00	23.00	28.66	31.31
Literature	14.89	18.70	21.40	23.63	Library and information science	14.18	23.25	36.72	38.85
Medicine	22.15	34.28	38.88	39.84	Literature and languages	10.41	15.30	21.19	23.02
Music	14.83	21.79	26.42	25.77	Mathematics, botany, geology, and general science	35.95	67.54	97.26	106.56
Philosophy, psychology	12.75	21.70	23.28	25.72	Medicine	42.38	73.37	112.82	125.57
Poetry and drama	10.76	17.85	19.96	22.42	Philosophy and religion	9.05	14.73	20.21	21.94
Religion	11.16	17.61	17.89	16.74	Physical education and recreation	7.80	18.83	19.07	20.54
Science	22.81	37.45	44.44	47.04	Political science	12.79	19.30	28.97	32.43
Sports ³	10.97	15.92	20.20	20.05	Psychology	27.51	41.95	59.31	69.74
Technology	19.66	33.64	44.65	41.14	Sociology and anthropology	14.85	27.56	40.54	43.87
Travel	15.43	16.80	22.20	21.65	Zoology	27.37	44.58	70.74	78.35
Paperbacks:					General interest periodicals	14.36	19.87	26.43	27.90
Mass market ⁴	1.46	(NA)	2.93	3.13					
Trade or other	5.24	8.60	12.32	11.79					

NA Not available. ¹ Excludes publications of U.S. and other governmental units, books sold only by subscription, and dissertations. ² Includes sociology. ³ Includes recreation. ⁴ "Pocket-sized" books sold primarily through magazine and news outlets, supermarkets, variety stores, etc. ^b Average annual subscription prices.

Source: R. R. Bowker Co., New York, NY, books, *Publishers Weekly*, Aug. 31, 1984; *The Bowker Annual of Library and Book Trade Information*; periodicals, *Library Journal*, Aug. 1984 and earlier issues. (Copyright by Xerox Corporation.)

No. 381. PHONOGRAPH RECORDS AND MAGNETIC TAPES—SUMMARY: 1975 TO 1983

[Domestic shipments based on reports of manufacturers representing more than 85 percent of the market. Domestic value data based on list prices of records and tapes]

TYPE OF RECORD OR TAPE	NUMBER (mil.)						VALUE (mil. dol.)					
	1975	1979	1980	1981	1982	1983	1975	1979	1980	1981	1982	1983
Domestic shipments, total	533	701	684	635	576	578	2,391	3,685	3,970	3,592	3,614	
Phonograph records	421	514	487	450	379	334	1,696	2,411	2,560	2,177	1,959	
Long-playing albums	257	318	323	295	242	209	1,485	2,136	2,291	2,342	1,894	1,690
Singles	164	196	164	155	137	125	212	275	270	256	283	269
Pre-recorded	112	188	197	186	197	244	695	1,274	1,303	1,372	1,415	1,857
8-track cartridges	95	105	87	49	14	6	583	669	527	309	36	28
Cassettes	16	83	110	137	183	237	99	605	777	1,063	1,379	1,812
Compact disc	-	-	-	-	-	1	-	-	-	-	-	17
Imports for consumption³	16	188	214	249	298	310	61	188	221	276	308	401
Phonograph records	9	19	18	23	24	18	12	32	34	49	51	39
Pre-recorded tapes	7	22	20	20	36	52	3	9	13	11	23	47
Blank tapes	-	147	176	206	238	240	46	147	174	216	234	315

[—] Represents zero. ¹ Includes quadraphonic and reel-to-reel tapes. ² Source: U.S. Bureau of the Census, *U.S. Imports for Consumption and General Imports*, Report FT 246, annual. Number represents net quantity imported. For 1975-1981 value reported on f.o.b. (free alongside ship) transaction basis; beginning 1982, customs value basis.

Source: Except as noted, Recording Industry Association of America, Inc., New York, NY, press release.

No. 382. SELECTED SPECTATOR SPORTS: 1970 TO 1983

[See also *Historical Statistics, Colonial Times to 1970*, series H 865-870 and H 872]

SPORT	UNIT	1970	1975	1976	1979	1980	1981	1982	1983
Baseball, major leagues:^{1,2}									
Attendance	1,000	29,191	30,373	41,402	44,282	43,748	³ 27,285	45,415	46,269
Regular season	1,000	28,747	29,789	40,637	43,550	43,014	26,544	44,587	45,540
National League	1,000	16,662	16,600	20,107	21,178	21,124	12,478	21,507	21,549
American League	1,000	12,085	13,189	20,530	22,372	21,890	³ 14,066	23,080	23,991
Playoffs	1,000	191	276	428	344	407	403	443	425
World Series	1,000	253	308	337	368	325	338	385	304
Basketball:⁴									
College: ⁵ Teams	Number	(NA)	(NA)	1,253	1,240	1,258	1,275	1,264	1,266
Attendance	1,000	(NA)	(NA)	29,104	30,025	30,692	30,935	31,106	31,471
Pro: ⁶ Teams	Number	14	18	22	22	22	23	23	23
Attendance, total ^{1,7}	1,000	4,912	7,591	10,687	10,697	10,697	10,235	10,732	10,262
Regular season	1,000	4,341	6,892	9,874	9,761	9,938	9,449	9,989	9,638
Average per game	Number	7,583	9,339	10,947	10,822	11,017	10,021	10,593	10,220
Playoffs	1,000	556	685	798	904	740	765	727	606
Football:									
College: ⁵ Teams	Number	617	634	643	643	642	648	649	651
Attendance	1,000	29,466	31,688	34,252	35,020	35,541	35,807	36,539	36,302
National Football League:⁸									
Attendance, total	1,000	10,071	10,769	13,476	13,916	14,092	14,326	^{3,8} 504	13,953
Regular season	1,000	9,533	10,213	12,771	13,182	13,392	13,607	^{3,7} 967	13,277
Average per game	Number	52,381	56,116	57,017	58,848	59,787	60,745	59,472	59,273
Postseason games ⁹	1,000	538	556	704	734	700	718	^{3,1} 137	676
U.S. Football League, attendance ¹⁰	1,000	(X)	(X)	(X)	(X)	(X)	(X)	(X)	2,681
North American Soccer League:¹¹									
Teams	Number	6	20	24	24	24	21	14	12
Attendance	1,000	(NA)	1,825	5,351	5,800	6,194	5,428	3,251	2,675
National Hockey League:¹²									
Regular season attendance	1,000	5,992	6,522	8,526	8,333	¹³ 10,534	10,726	10,710	11,021
Playoffs attendance	1,000	462	784	686	694	¹³ 977	986	1,058	1,008
World Hockey Association:^{13,14}									
Regular season attendance	1,000	(X)	4,096	2,890	2,193	(¹³)	(¹³)	(¹³)	(¹³)
Playoffs attendance	1,000	(X)	336	231	186	(¹³)	(¹³)	(¹³)	(¹³)
Horseracing:^{15,16}									
Racing days	Number	9,962	13,110	13,147	13,160	13,133	13,464	13,523	13,545
Attendance	1,000	68,704	78,662	75,324	72,783	74,680	75,483	76,858	75,693
Parimutuel turnover	Mil. dol.	5,977	7,862	10,028	10,728	11,218	11,877	11,888	11,793
Revenue to government	Mil. dol.	486	582	673	681	713	680	653	641
Greyhound:¹⁵									
Racing days	Number	3,023	3,960	5,501	6,110	5,855	6,379	6,499	8,257
Attendance	1,000	12,660	17,458	20,272	21,127	20,874	21,424	21,375	22,140
Parimutuel turnover	Mil. dol.	730	1,261	1,746	1,985	2,084	2,173	2,179	2,306
Revenue to government	Mil. dol.	53	91	128	145	152	160	170	

NA Not available. X Not applicable. ¹ Excludes Alaska and Hawaii. ² Source: The National League of Professional Baseball Clubs, New York, NY, *National League Green Book*; and The American League of Professional Baseball Clubs, New York, NY, *American League Red Book*. ³ Season was interrupted by strike. ⁴ Season ending in year shown. ⁵ Source: National Collegiate Athletic Assn., Mission, KS. ⁶ Source: National Basketball Assn., New York, NY. Includes playoffs.

⁷ Includes All-Star game. ⁸ Source: National Football League, New York, NY. ⁹ Includes Pro Bowl, a non-championship game and Super Bowl. ¹⁰ Source: U.S. Football League, New York, NY. ¹¹ Source: North American Soccer League, New York, NY.

¹² Source: National Hockey League, Montreal, Quebec. ¹³ World Hockey Association ceased operation after 1978-1979 season. Four former WHA teams joined NHL in 1979-1980 season. ¹⁴ Source: The World Hockey Assn., Hartford, CT.

¹⁵ Source: National Assn. of State Racing Commissioners, Lexington, KY. ¹⁶ Includes thoroughbred, harness, quarter horse, and fairs.

Source: Compiled from sources listed in footnotes.

Recreational Activities

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NO. 383. SELECTED RECREATIONAL ACTIVITIES: 1970 TO 1983

[See also *Historical Statistics, Colonial Times to 1970*, series H 862-864, H 871, H 874, and H 877]

ACTIVITY	Unit	1970	1975	1978	1979	1980	1981	1982	1983
Softball, amateur: ¹									
Total participants ²	Million	18	26	29	30	30	30	30	30
Youth participants	1,000	255	450	570	600	650	685	690	690
Adult teams ³	1,000	29	66	92	102	110	117	133	146
Youth teams ³	1,000	2	9	14	15	18	20	22	27
Golfers (15 rounds or more) ⁴	1,000	9,700	12,036	12,655	12,870	13,000	13,650	14,100	14,300
Golf courses ⁵	Number	10,186	12,306	12,684	12,788	12,849	12,894	13,013	13,084
9-hole	Number	5,343	6,024	5,985	6,001	5,993	5,950	5,954	5,959
18-hole and larger	Number	4,845	6,282	6,699	6,787	6,856	6,944	7,059	7,125
Classification:									
Private	Number	4,619	5,085	5,168	5,146	5,151	5,103	5,123	5,137
Daily fee	Number	4,248	5,473	5,622	5,702	5,741	5,802	5,871	5,915
Municipal	Number	1,321	1,748	1,894	1,940	1,957	1,989	2,019	2,032
Tennis: ⁶									
Players	1,000	10,655	7 ⁸ 29,201	7 ⁸ 31,217	7 ⁸ 32,271	(NA)	(NA)	7 ⁸ 25,450	(NA)
Indoor	1,000	(NA)	7 ⁸ 4,072	(NA)	5,760	(NA)	(NA)	7 ⁸ 4,015	(NA)
Courts	1,000	(NA)	130	(NA)	180	(NA)	180	185	200
Indoor	1,000	(NA)	8	(NA)	12	(NA)	11	11	13
Tenpin bowling: ⁹									
Participants, total ¹⁰	Million	51.8	62.5	63.7	(NA)	72.0	(NA)	68.9	(NA)
Male	Million	24.8	29.9	32.7	(NA)	34.0	(NA)	32.2	(NA)
Female	Million	27.0	32.6	31.0	(NA)	38.0	(NA)	36.7	(NA)
Establishments	Number	9,140	8,577	8,698	8,699	8,591	8,528	8,481	8,404
Lanes	1,000	141	141	152	154	154	154	154	154
Membership, total ¹¹	1,000	7,733	8,751	9,717	9,649	9,595	9,621	9,650	9,269
American Bowling Congress	1,000	4,210	4,300	4,686	4,682	4,688	4,645	4,685	4,558
Women's Bowling Congress	1,000	2,988	3,692	4,177	4,163	4,118	4,049	4,065	3,947
Young American Bowling Alliance ¹²	1,000	535	759	854	824	789	927	800	765
Motion picture theaters ^{13 14}	1,000	14	15	16	17	18	18	18	19
Four-wall	1,000	10	11	13	13	14	15	15	16
Drive-in	1,000	4	4	3	4	4	3	3	3
Receipts, box office	Mil. dol.	1,225	2,115	2,643	2,821	2,749	2,966	3,453	3,766
Admission, average price	Dollars	1.55	2.05	2.34	2.52	2.69	2.78	2.94	3.15
Attendance	Million	921	1,033	1,128	1,121	1,022	1,087	1,175	1,197
Bicycles: ¹⁵									
Domestic shipments	Million	5.0	5.6	7.5	9.0	7.0	6.6	5.2	6.3
Imports	Million	1.9	1.7	1.9	1.8	2.0	2.1	1.6	2.6
Boating: ¹⁶									
Recreational boats owned	Million	8.8	9.7	11.3	11.6	11.8	12.5	12.9	13.2
Outboard boats	Million	5.2	5.7	6.6	6.7	6.8	7.0	7.1	7.3
Inboard boats	Million	.6	.8	1.1	1.3	1.2	1.2	1.3	1.4
Sailboats	Million	.6	.8	.9	.9	1.0	1.0	1.1	1.1
Canoes	Million	.2	.3	.4	.5	1.2	1.3	1.4	1.6
Rowboats and other	Million	2.4	2.4	2.7	1.5	1.5	1.9	1.9	1.8
Expenditures, total ¹⁷	Bil. dol.	3.4	4.8	6.7	7.5	7.4	8.3	8.1	9.4
Outboard motors in use	1,000	7,215	7,849	7,880	7,958	8,241	8,527	8,776	9,051
Motors sold	1,000	430	435	450	375	315	318	293	337
Value, retail	Mil. dol.	281	411	634	597	554	698	759	964
Outboard boats sold	1,000	276	328	331	322	290	281	236	273
Value, retail	Mil. dol.	177	263	430	469	408	431	409	502
Inboard/outdrive boats sold	1,000	43	70	90	89	55	51	55	79
Value, retail	Mil. dol.	182	420	819	827	616	653	686	975
Snowmobiles: ¹⁸									
Factory sales	1,000	172	144	155	115	105	95	80	85
Apparent consumption ¹⁹	1,000	405	445	163	167	129	112	108	112

NA Not available. ¹ Source: Amateur Softball Association, Oklahoma City, OK. ² Amateur Softball Association teams and other amateur softball teams. ³ Amateur Softball Association teams only. ⁴ Source: National Golf Foundation, North Palm Beach, FL. ⁵ Prior to 1975, figures represent facilities. ⁶ Source: U.S. Tennis Association, Princeton, NJ. ⁷ Survey by A. C. Nielsen Co. ⁸ 1976 data. ⁹ Source: American Bowling Congress, Greendale, WI. Season ending in year shown.

¹⁰ Persons 5 years old and over. Source: National Bowling Council, Washington, DC. ¹¹ Beginning 1978, covers members in U.S. only. ¹² Prior to 1982, represents American Jr. Bowling Congress and ABC/WIBC Collegiate Division. ¹³ Source: Motion Picture Association of America, Inc., New York, NY. ¹⁴ Prior to 1975, figures represent theaters; thereafter, screens.

¹⁵ Source: Bicycle Manufacturers Association of America, Inc., Washington, DC. ¹⁶ Source: National Marine Manufacturers Association, Chicago, IL. ¹⁷ Represents estimated expenditures for new and used boats, motors, accessories, safety equipment, fuel, insurance, docking, maintenance, storage, repairs, and other expenses. ¹⁸ Source: U.S. International Trade Commission, Estimated. ¹⁹ Factory sales plus imports minus exports.

Source: Compiled from sources listed in footnotes.

NO. 384. PARTICIPATION IN OUTDOOR RECREATION ACTIVITIES, BY SELECTED CHARACTERISTICS: 1983

[Represents percent of respondents who said they participated once or more during 12 months prior to interview. Covers persons 12 years old and over and period from September 1982 to June 1983. Based on a sample survey of 5,757 conducted by the Bureau of the Census]

ACTIVITY	SEX		RACE		AGE			EDUCATION			FAMILY INCOME (do.)					
	All persons	Male	Female	White	Black	12-24 yr.	25-39 yr.	40-59 yr.	60 yr. and over	Did not finish high school	High school but not 4 yr. college	4 yr. college	Under 5,000	5,000-14,999	15,000-24,999	25,000-49,999	50,000 and over
Walking for pleasure.....	53	45	61	54	49	57	59	53	42	35	56	45	46	54	61	62
Swimming.....	52	56	51	56	40	57	65	62	41	26	51	67	34	39	68	72
Visiting zoos, fairs, amusement parks.....	50	50	51	51	49	42	52	48	46	29	51	61	32	40	62	62
Picnics.....	48	45	49	50	35	42	59	59	46	35	31	54	29	41	53	56
Driving for pleasure	48	47	46	47	36	46	54	47	31	27	50	63	27	38	43	60
Sightseeing	46	45	46	47	38	41	55	44	36	16	15	39	51	24	30	67
Attending sports events.....	40	44	36	41	38	27	43	40	31	17	26	35	30	24	38	61
Fishing.....	34	34	47	23	35	29	32	33	24	37	22	17	11	28	35	35
Bicycling.....	32	33	32	31	24	31	6	38	35	25	9	11	28	41	41	43
Boating.....	28	32	24	31	19	10	7	9	7	14	9	6	11	20	27	39
Camping or kayaking.....	8	6	7	5	7	1	1	1	1	1	1	1	7	13	6	12
Sailing.....	6	6	7	5	7	2	1	1	1	1	1	1	4	14	5	9
Motorboating.....	19	22	16	21	3	25	23	17	7	8	19	25	10	13	18	27
Running or jogging.....	26	30	23	26	30	51	31	13	2	6	20	34	21	21	27	32
Attending concerts, plays, etc.....	25	25	26	26	21	34	29	22	12	10	24	40	17	21	24	37
Camping.....	24	28	22	27	6	21	16	19	12	10	10	25	27	15	29	38
Backpacking.....	5	6	3	5	1	9	5	5	2	1	1	4	4	3	5	5
Outdoor team sports.....	24	30	18	24	27	50	35	11	7	2	1	2	1	3	3	5
Tennis.....	17	18	16	17	13	32	20	10	1	1	1	1	1	12	22	28
Day hiking.....	14	14	15	15	3	19	15	17	12	5	3	13	10	10	13	37
Golfing.....	13	20	7	14	15	15	16	13	13	7	4	12	24	6	13	20
Hunting.....	12	11	12	13	5	10	7	7	15	13	13	17	9	10	12	19
Off-road vehicle driving ¹	11	11	14	8	12	3	20	11	6	2	3	10	10	9	12	14
Slidelling.....	10	12	9	12	2	22	11	5	5	(2)	1	7	11	9	6	13
Waterskiing.....	9	11	7	11	(2)	17	12	4	(2)	2	8	12	5	6	10	13
Show skiing.....	9	9	8	10	7	10	15	11	5	1	1	6	8	5	7	14
Horseback riding.....	9	8	10	10	4	18	10	5	1	2	1	6	7	6	9	21
Ice skating.....	6	6	6	7	1	15	6	3	(2)	1	1	4	8	5	3	11
Other activities.....	4	4	3	4	1	3	4	4	4	3	2	4	4	3	4	11
No participation.....	11	8	14	10	18	3	5	13	30	9	5	23	9	5	4	3

¹ Less than .5 percent. ² Includes motorcycles; excludes snowmobiles.

Source: National Park Service, press release.

No. 385. VIDEO GAMES—SUMMARY FOR COIN-OPERATED AND HOUSEHOLD UNITS: 1977 TO 1982

ITEM	Unit	1977	1978	1979	1980	1981	1982
Coin-operated video games in operation.....							
In arcades	1,000.....	(NA)	(NA)	(NA)	580.0	1,005.0	1,220.0
Other primary locations ¹	1,000.....	(NA)	(NA)	(NA)	170.0	270.0	370.0
Street locations ²	1,000.....	(NA)	(NA)	(NA)	40.0	60.0	80.0
Households with video game consoles ³	Millions.....	.7	1.4	2.4	3.6	7.5	14.1
Percent of total households with television.....	Percent .....	.9	1.8	2.8	4.5	9.2	17.0
Industry shipments of ⁴ —							
Consumer video game consoles.....	Millions.....	.5	.7	.9	2.0	5.5	9.5
Video game cartridges.....	Millions.....	1.1	2.7	4.1	9.6	35.0	83.8
Computer game software units.....	Millions.....	(NA)	(NA)	(NA)	(NA)	1.5	7.2
Coin-operated video games.....	1,000.....	50.0	70.0	106.7	232.0	486.3	480.0
Industry revenues for ⁴ —							
Consumer video game consoles.....	Mill. dol.....	63.0	109.5	152.0	237.0	710.0	1,175.0
Video game cartridges.....	Mill. dol.....	14.0	36.3	53.9	141.4	547.0	1,360.0
Computer game software units.....	Mill. dol.....	(NA)	(NA)	(NA)	(NA)	25.0	115.0
Coin-operated video games.....	Mill. dol.....	75.0	110.2	177.1	432.2	978.8	1,018.5

NA Not available. ¹ Includes restaurants, casino hotels and other game rooms. ² Includes airports, rail and bus depots, hotels, gas stations, etc. ³ Includes home computers with game-playing capability. ⁴ Includes shipments to and revenues from non-U.S. sources.

Source: Amusement and Music Operators Association, Oak Brook, IL, unpublished data.

No. 386. HOME GARDENING—SUMMARY: 1975 TO 1983

[Based on national sample survey conducted by the Gallup Organization. Prior to 1982, survey respondents were questioned only about their own gardening activities. Beginning in 1982, respondents were questioned about activities of all household members. For the 1983 survey, a total of 3,132 adults were interviewed. Subject to sampling variability; see source.]

ITEM	1975	1980	1982	1983	CHARACTERISTIC OF RESPONDENT	1983, PERCENT WITH—		
						Vegetable garden	Flower garden	Lawn care
Households with vegetable gardens (mil.).....	35	34	38	35	18-29 years old.....	36	40	63
Percent of total.....	49	43	46	42	30-49 years old.....	42	49	65
					50 years and over.....	46	50	61
Median size of garden (sq. ft.).....	540	663	600	505	Northeast.....	38	44	58
Median yield per garden (dol.).....	258	460	470	405	Midwest.....	52	57	74
Median cost per garden (dol.).....	16	19	20	30	South.....	36	37	57
Percent of households—					West.....	39	50	63
With flower gardens.....	39	37	50	47	Central city.....	31	38	50
Engaged in lawn care.....	56	52	63	63	Suburb.....	39	50	69
Growing fruits or berries.....	12	21	35	32	Small town.....	38	47	65
With indoor houseplants	40	40	48	43	Rural.....	60	53	71

Source: Gardens for All, The National Association for Gardening, Burlington, VT, *National Gardening Survey*, annual. (Copyright.)

No. 387. SPORT FISHING AND HUNTING LICENSES—NUMBER AND COST: 1970 TO 1982

[For years ending June 30 except, beginning 1977, ending Sept. 30. See also *Historical Statistics, Colonial Times to 1970*, series H 675-876]

ITEM	Unit	1970	1975	1976	1977	1978	1979	1980	1981	1982
Fishing licenses: Sales	Million.....	31.1	34.7	34.9	34.0	32.8	35.4	35.2	37.9	37.2
Resident.....	Million.....	26.8	30.0	29.8	29.0	27.9	30.3	30.1	32.6	32.1
Nonresident.....	Million.....	4.3	4.7	5.1	5.0	4.9	5.1	5.1	5.3	5.1
Paid license holders ¹	Million.....	24.4	27.5	27.8	27.3	26.2	27.9	28.0	28.3	29.6
Cost to anglers	Mil. dol.....	91	142	155	166	159	174	195	213	227
Hunting licenses: Sales	Million.....	22.2	25.9	25.2	25.4	25.8	26.4	27.0	27.9	28.3
Resident.....	Million.....	21.0	24.7	24.0	24.1	24.4	25.0	25.6	26.4	26.7
Nonresident.....	Million.....	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.5	1.6
Paid license holders ¹	Million.....	15.4	16.6	16.3	16.2	16.3	16.6	16.3	16.6	16.7
Cost to hunters	Mil. dol.....	102	155	164	173	185	193	222	242	258
Federal duck stamps sold	1,000.....	2,072	2,222	2,219	2,197	2,209	2,216	2,090	2,045	1,907

¹ Resident and nonresident. Includes multiple counting of license holders who bought nonresident licenses as well as a home state license.

Source: U.S. Fish and Wildlife Service, *Federal Aid in Fish and Wildlife Restoration*, annual.

Parks and Recreation

NO. 388. SPORT FISHERMEN AND HUNTERS—NUMBER AND EXPENDITURES: 1960 TO 1980

[Persons 12 years old and over. Based on sample surveys; for more information on methodology, see source]

ACTIVITY	NUMBER (1,000)					EXPENDITURES (mil. dol.)				
	1960	1965	1970	1975	1980	1960	1965	1970	1975	1980
Total population	131,226	141,928	155,230	171,860	184,891	(x)	(x)	(x)	(x)	(x)
Sportsmen ¹	30,435	32,881	38,277	45,773	46,966	3,852	4,046	7,102	16,788	27,214
Fishermen ¹	25,223	26,248	33,158	41,299	41,873	2,891	2,925	4,859	11,788	18,052
Freshwater.....	21,677	23,962	29,363	36,599	37,081	2,065	2,126	3,734	8,702	14,441
Salwater.....	6,292	8,305	9,460	13,738	13,332	626	800	1,225	3,095	3,611
Hunters ¹	14,637	13,583	14,336	17,094	16,758	1,161	1,121	2,143	4,971	8,938
Small game.....	12,105	10,576	11,671	14,182	14,643	726	615	946	2,272	2,930
Big game.....	6,277	6,566	7,774	11,037	12,632	346	419	953	2,128	5,246
Waterfowl.....	1,955	1,650	2,894	4,284	3,190	89	87	244	570	761

X Not applicable. ¹ See footnote 1, table 389. ² Includes multipurpose licenses issued in 1980.

Source: U.S. Fish and Wildlife Service and U.S. Bureau of the Census, 1980 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation, 1982.

NO. 389. PARTICIPATION IN WILDLIFE-ASSOCIATED RECREATION ACTIVITIES—SELECTED CHARACTERISTICS: 1980

[Primary nonresidential activities include trips or outings of at least 1 mile from home for the primary purpose of observing, photographing, or feeding wildlife; trips to zoos, circuses, aquariums and museums. Primary residential activities occur around the home and include observing, photographing, feeding, maintaining natural areas and plantings, and visiting public parks within 1 mile of home. Based on a sample survey; for more information on methodology, see source. For composition of divisions, see fig. I, inside front cover.]

CHARACTERISTIC	Total population (1,000)	FISHED OR HUNTED		PRIMARY NONCONSUMPTIVE ACTIVITY IN WILDLIFE- ASSOCIATED RECREATION					
		Number (1,000)	Per- cent of popu- lation	Primary participants ¹		Nonresidential participants		Residential participants	
				Number (1,000)	Per- cent of popu- lation	Number (1,000)	Per- cent of popu- lation	Number (1,000)	Per- cent of popu- lation
6 YEARS OLD AND OVER									
Total persons	205,255	58,854	29	94,815	46	34,112	17	88,831	43
15 years.....	35,313	12,141	34	11,442	32	5,290	15	6,961	25
16 years and over.....	169,942	46,713	27	83,173	49	28,822	17	79,670	47
16-17 years.....	8,612	2,761	32	3,346	39	1,383	16	3,229	38
18-24 years.....	28,546	8,627	30	11,976	42	5,960	21	10,967	38
25-34 years.....	37,742	13,022	35	21,355	57	9,236	25	20,154	53
35-44 years.....	26,117	8,413	32	13,763	53	4,796	18	13,172	50
45-54 years.....	22,555	5,981	27	10,906	48	3,340	15	10,575	47
55-64 years.....	21,723	4,683	22	10,801	50	2,482	11	10,663	49
65 years old and over.....	24,648	3,228	13	11,025	45	1,625	7	10,908	44
16 YEARS OLD AND OVER									
Male.....	80,763	33,243	41	39,152	49	14,911	19	37,012	46
Female.....	89,190	13,469	15	44,021	49	13,912	16	42,657	48
White.....	146,989	43,161	29	77,163	53	27,347	19	73,926	50
Black.....	18,175	2,709	15	4,693	26	961	5	4,511	25
Other races.....	4,768	843	18	1,316	28	514	11	1,233	26
Census divisions:									
New England.....	9,362	1,900	20	5,047	54	1,657	18	4,952	53
Middle Atlantic.....	27,867	5,044	18	12,348	44	4,111	15	11,872	43
East North Central.....	30,791	8,713	28	16,539	60	6,099	20	17,935	58
West North Central.....	12,774	4,718	37	7,357	58	3,000	24	6,783	53
South Atlantic.....	28,068	7,902	28	11,562	41	3,739	13	11,270	40
East South Central.....	10,792	3,851	34	4,294	40	1,173	11	4,117	38
West South Central.....	17,550	5,800	33	7,105	41	1,842	11	6,837	39
Mountain.....	8,415	2,808	33	4,574	54	2,125	25	4,133	48
Pacific.....	24,326	6,177	25	12,347	51	5,076	21	11,770	48
Household income:									
Under \$5,000.....	12,997	2,177	17	4,836	37	1,495	12	4,644	38
\$5,000-\$9,999.....	22,876	4,893	21	9,408	41	2,327	10	9,067	40
\$10,000-\$14,999.....	21,210	5,133	29	10,278	49	3,802	18	9,688	46
\$15,000-\$19,999.....	18,910	5,116	32	9,797	51	3,447	18	9,497	49
\$20,000-\$24,999.....	21,866	7,754	35	13,180	60	4,999	23	12,412	57
\$25,000-\$29,999.....	16,379	5,848	36	8,986	55	3,572	22	8,641	53
\$30,000-\$34,999.....	19,428	6,574	34	11,517	59	4,312	22	11,069	57
\$50,000 and over.....	5,854	1,691	29	3,174	54	1,171	20	3,014	52
Not reported.....	29,923	5,536	19	12,015	40	3,697	12	11,637	39

¹ Individuals may participate in more than one form of wildlife-related activity; therefore the sum of the component parts will be greater than the number of participants.

Source: U.S. Fish and Wildlife Service and U.S. Bureau of the Census, 1980 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation, 1982.

NO. 390. BOY SCOUTS AND GIRL SCOUTS—MEMBERSHIP AND UNITS: 1960 TO 1983

{In thousands. Boy Scouts as of Dec. 31; Girl Scouts as of Sept. 30. Includes Puerto Rico and outlying areas}

ITEM	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983
BOY SCOUTS OF AMERICA											
Membership	5,165	5,733	6,287	5,318	4,718	4,493	4,285	4,318	4,355	4,542	4,689
Boys	3,783	4,231	4,683	3,933	3,466	3,903	3,178	3,207	3,244	3,425	3,589
Tiger cubs ¹	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	84	124
Cub Scouts (8-10 yr. old)	1,886	2,084	2,438	1,997	1,843	1,798	1,716	1,696	1,643	1,600	1,669
Boy Scouts (11-17 yr. old)	1,647	1,850	1,915	1,503	1,225	1,123	1,058	1,084	1,101	1,126	1,116
Explorers (14-20 yr. old) ²	271	317	328	434	398	392	402	447	499	606	758
Adults	1,392	1,502	1,604	1,385	1,252	1,190	1,109	1,110	1,111	1,117	1,122
Total units (packs, troops, posts)	130	145	157	150	137	134	129	129	130	132	134
GIRL SCOUTS OF THE U.S.A.											
Membership	3,419	3,847	3,922	3,234	3,140	3,084	2,961	2,784	2,829	2,819	2,888
Girls ³	2,646	3,030	3,248	2,723	2,583	2,511	2,388	2,250	2,276	2,247	2,281
Brownies (6-8 yr. old)	(*)	1,072	1,259	1,180	1,199	1,245	1,206	1,115	1,110	1,120	1,183
Juniors (9-11 yr. old)	(*)	1,416	1,509	1,188	1,054	977	928	894	916	874	847
Cadettes (12-14 yr. old)	(*)	443	395	301	252	218	183	172	170	169	176
Seniors (14-17 yr. old)	(*)	99	85	74	64	57	52	46	45	41	40
Adults	773	617	674	511	557	573	572	534	553	572	607
Total units (troops)	164	153	184	159	159	159	157	154	157	160	185

¹ Not applicable. ² For 7 year olds, a new classification began in 1982. ³ Both girls and boys are members.^a Beginning 1976, includes girls registered in other categories, not shown separately. ^b Comparable data not available.Source: Boy Scouts of America, National Council, Irving, TX, *Annual Report*; and Girl Scouts of the United States of America, New York, NY, *Annual Report*.

NO. 391. PARTICIPATION RATES FOR VARIOUS ARTS PERFORMANCES BY SELECTED CHARACTERISTICS: 1982

{Represents percent of respondents who participated in art performance in the 12 months prior to the survey. Covers persons 18 years old and over. Based on the Leisure Activities Survey conducted by the Bureau of the Census}

CHARACTERISTIC	Jazz	Classical music	Opera	Musicals	Plays	Ballet	Museums	Reading ¹
Total	10	13	3	19	12	4	22	56
Male	11	12	3	17	11	3	21	49
Female	9	15	3	20	13	6	23	68
White	9	14	3	20	13	5	23	58
Black	15	7	1	10	6	2	12	42
Other	9	10	3	13	8	4	27	50
Age:								
18-24 years	18	11	3	17	11	4	23	60
25-34 years	15	13	4	20	12	5	27	62
35-44 years	8	16	4	23	15	6	27	60
45-54 years	7	15	5	21	13	4	22	55
55-64 years	5	13	4	19	12	4	19	53
65-74 years	2	12	7	14	10	3	15	47
75 years and over	1	7	3	9	5	2	8	41
Region: ²								
Northeast	9	14	4	23	14	6	22	59
Midwest	10	14	4	18	12	4	21	58
South	9	11	3	16	11	4	20	53
West	12	13	3	18	12	4	24	56
Education of householder:								
Elementary school: 0-8 years	1	2	1	4	2	(2)	3	21
High school:								
1-3 years	4	4	1	8	4	1	7	39
4 years	7	8	3	4	7	3	16	54
College:								
1-3 years	15	18	5	27	17	7	33	73
4 years	19	29	6	38	26	10	44	80
5 years or more	20	39	11	45	48	14	56	85
Household income, 1981:								
Under \$10,000	8	9	1	10	7	3	12	40
\$10,000-\$14,999	7	8	3	9	6	2	13	46
\$15,000-\$19,999	8	10	3	13	8	4	17	53
\$20,000-\$29,999	9	11	3	17	10	4	21	56
\$30,000-\$49,999	9	18	5	28	18	6	31	67
\$50,000 and over	13	30	11	44	34	11	48	78

¹ Less than .5 percent. ² Covers novels, short stories, poetry, and plays. ³ For composition of regions, see fig. I, Inside front cover.Source: U.S. National Endowment for the Arts, *Survey of Public Participation in the Arts*, forthcoming.

No. 392. NONPROFIT MUSEUMS—SELECTED CHARACTERISTICS, BY TYPE OF MUSEUM: 1979

[For fiscal years of museums ending in 1979. Based on a sample of 1,373 nonprofit museums. Subject to sampling variability; see source]

ITEM	Unit	Total	History	Science	Art	Gener- al	Spe- cialized	Park and visitor centers	Chil- dren's and junior
Museums:									
Percent with general admission fee ..	Number ..	4,408	2,204	600	609	382	197	165	51
Percent ..	Percent ..	31.8	33.3	38.8	15.9	24.8	61.5	14.8	40.7
Private nonprofit institution ..	Number ..	2,354	1,335	273	367	193	140	15	32
Government ..	Number ..	1,466	746	323	73	131	45	145	5
Educational institution ..	Number ..	476	48	188	166	51	13	1	12
Other ..	Number ..	115	77	17	5	8	1	6	2
Operating Income:	Mil. dol.	1,088	261	380	294	86	27	30	8
Earned income ..	Mil. dol.	460	101	180	143	31	16	5	3
Federal government ..	Mil. dol.	148	48	52	25	8	1	13	1
State government ..	Mil. dol.	126	67	25	14	14	4	4	(z)
Local government ..	Mil. dol.	188	18	96	42	21	3	6	2
Individual contributions ..	Mil. dol.	47	9	14	19	3	2	(2)	1
Foundations ..	Mil. dol.	46	6	18	16	3	1	1	1
Corporations ..	Mil. dol.	26	3	6	14	2	1	(2)	(z)
Other ..	Mil. dol.	48	7	10	23	5	2	1	(z)
Operating expenditures¹:	Mil. dol.	1,005	228	368	264	84	27	28	8
Administration ..	Mil. dol.	200	55	55	60	16	6	6	2
Building and maintenance ..	Mil. dol.	190	48	71	40	14	5	10	1
Exhibits ..	Mil. dol.	121	24	58	34	9	4	1	1
Curatorial ..	Mil. dol.	128	22	51	36	15	2	2	1
Annual attendance ..	Million ..	347.8	85.6	150.3	49.8	24.4	8.7	28.2	2.7
Regular full-time staff ..	Number ..	37,533	8,984	13,439	9,862	3,100	897	861	410

^z Less than \$500,000. ¹ Excludes museums not reporting expenditure distributions. Total includes other types of expenditures, not shown separately.

Source: U.S. National Center for Education Statistics, *Museum Program Survey*, 1979.

No. 393. PERFORMING ARTS—SELECTED DATA: 1970 TO 1983

[Receipts and expenditures in millions of dollars. For season ending in year shown, except as indicated]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
Legitimate theater:¹										
<i>Broadway shows:</i>										
New productions ..	62	59	62	69	54	47	67	48	50	36
Playing weeks ² ..	1,047	1,101	1,136	1,347	1,360	1,472	1,545	1,461	1,259	1,119
Number of tickets sold (1,000) ..	(NA)	(NA)	7,181	8,815	8,621	9,115	10,822	10,694	8,102	7,898
Gross box office receipts ..	58.3	57.4	70.8	93.4	103.8	128.1	194.4	221.2	203.1	226.5
<i>Road shows:</i>										
Playing weeks ³ ..	1,024	799	814	987	1,025	1,192	1,343	1,317	890	1,057
Gross box office receipts ..	48.0	50.9	52.6	82.6	105.6	143.9	218.9	249.5	184.3	206.1
Opera companies⁴:										
<i>Major:</i>										
Expenditures ..	35	54	65	68	78	95	109	127	135	144
Other companies ..	36.5	(NA)	71.8	79.7	96.3	111.5	133.6	161.6	191.1	212.4
Workshops ..	266	335	412	424	455	456	458	456	416	488
Opera performances ..	347	418	436	422	420	415	419	436	444	399
Operas performed ..	4,778	6,428	7,109	7,389	7,806	8,554	9,391	9,683	9,510	10,693
Musical performances ⁵ ..	341	387	427	427	448	488	497	559	571	590
Musicals performed ..	(NA)	(NA)	(NA)	(NA)	906	1,430	1,397	2,261	2,233	2,749
World premieres ..	17	16	45	33	42	64	79	88	94	96
Attendance (mil.) ..	4.6	8.0	8.9	9.2	9.8	9.9	10.7	11.1	10.1	12.7
Symphony orchestras⁶:										
<i>College:</i>										
1,441	1,463	1,410	1,453	1,470	1,540	1,572	1,572	1,572	1,572	1,572
298	300	356	358	278	378	385	385	385	386	386
<i>Community</i> ⁷ :										
1,019	1,003	872	888	950	909	926	926	919	920	920
<i>Urban:</i>										
24	41	56	69	76	79	85	85	85	94	101
<i>Metropolitan</i> ..	72	90	79	86	108	113	115	115	110	98
<i>Regional:</i>										
(*)	(*)	16	23	29	29	29	30	34	37	
<i>Major:</i>										
28	29	31	31	31	31	32	31	30	30	30
Concerts ..	6,599	14,171	14,776	17,421	18,027	22,096	22,229	19,327	19,204	19,187
Attendance (mil.) ..	12.7	18.3	20.0	21.0	21.4	22.4	22.6	22.8	22.0	22.0
Gross income ..	73.8	124.5	137.0	154.1	178.1	216.8	246.3	268.9	325.5	348.9
Earned income ..	43.1	70.9	78.3	89.0	102.5	122.6	141.2	163.3	187.6	201.8
Contributed income ..	30.2	53.6	58.7	65.1	75.6	94.2	105.1	125.6	137.9	147.1
Gross expenses ..	76.4	129.5	141.5	160.9	183.1	221.0	252.1	289.3	315.3	352.2

NA Not available. ¹ Source: *Variety*, New York, NY, June 6, 1984 issue (copyright). ² All shows (new productions and holdovers from previous seasons). ³ Eight performances constitute one playing week. ⁴ Source: Central Opera Service, New York, NY, *Central Opera Service Bulletin*, periodic. Major companies have annual budgets of \$100,000 or more and issue American Guild of Musical Artists (AGMA) contracts to soloists. Workshops are primarily college and university opera groups.

⁵ Covers not-for-profit companies only. ⁶ Source: American Symphony Orchestra League, Inc., Washington, DC. For years ending Aug. 31. Orchestras other than college groups are principally defined by their annual budgets: As of 1983, community, under \$115,000; urban, \$115,000-\$250,000; metropolitan, \$250,000-\$900,000; regional, \$900,000-\$3,400,000; and major, over \$3,400,000. Prior to 1983, other budget classifications were in effect. ⁷ Beginning 1978, includes youth and chamber groups with budgets under \$70,000. ⁸ Classification began in 1976.

Source: Compiled from sources listed in footnotes.

NO. 394. FEDERAL AID TO THE ARTS AND HUMANITIES: 1970 TO 1983

[In millions of dollars, except as indicated. For years ending June 30 except, beginning 1977, ending Sept. 30]

TYPE OF FUND AND PROGRAM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983
National Endowment for the Arts:										
Funds available ¹	15.7	86.9	95.6	114.5	142.0	179.6	188.1	186.8	133.4	147.5
Program appropriation	6.3	67.3	74.5	77.5	89.1	102.1	97.0	113.9	103.3	101.7
Non-Federal gifts ²	2.0	7.7	7.5	16.5	25.5	37.5	42.9	34.9	30.6	25.5
Matching funds ³	2.0	7.5	7.5	16.5	25.5	37.5	42.9	34.8	30.6	25.6
Grants awarded (number)	556	3,071	4,325	4,302	4,900	5,090	5,651	6,597	5,090	5,198
Funds obligated	12.9	81.7	92.6	112.6	141.9	178.4	166.4	150.6	132.0	145.3
Music	2.5	14.9	17.2	17.3	19.5	16.4	13.6	16.2	14.1	12.9
State arts agencies	1.9	14.7	15.6	16.3	18.9	22.8	22.1	23.7	21.3	21.1
Museums	(NA)	10.8	11.4	10.9	12.4	11.6	11.2	13.2	11.5	10.0
Theater	2.8	6.4	6.3	8.9	7.5	8.3	8.4	10.8	9.8	9.5
Dance	1.7	6.1	5.8	8.0	7.0	8.1	8.0	9.1	8.4	9.1
Public media	.2	5.4	9.3	8.0	9.0	9.4	8.4	12.8	10.1	9.3
Challenge ⁴	(X)	(X)	(X)	18.0	36.0	59.8	50.8	14.9	14.4	26.6
Visual arts	1.0	3.2	3.6	4.3	4.9	4.7	7.2	7.4	6.5	5.8
Other	2.8	20.1	23.6	24.9	26.8	37.3	39.8	42.5	36.5	41.0
National Endowment for the Humanities:										
Funds available ¹	13.0	86.0	98.8	124.3	137.8	186.9	186.2	144.4	120.9	123.5
Program appropriation	6.1	67.3	72.0	77.5	87.8	98.3	100.3	106.5	90.4	90.4
Non-Federal gifts ²	2.0	6.5	7.5	16.0	25.0	36.5	38.4	(X)	(X)	(X)
Matching funds ³	2.0	6.5	7.5	16.0	25.0	36.5	38.4	33.5	28.8	27.9
Grants awarded (number)	542	1,330	1,614	2,045	2,701	2,599	2,917	2,760	1,828	1,854
Funds obligated	10.5	73.1	86.6	116.8	149.0	185.1	185.5	144.4	115.8	123.3
Education programs	4.2	17.1	20.0	20.1	19.8	20.0	18.3	17.3	13.0	14.7
State programs	(X)	(X)	(X)	19.9	20.5	24.7	28.0	26.0	22.8	24.0
Research grants	2.0	13.4	18.6	22.2	26.3	32.2	32.0	25.5	25.7	23.1
Fellowship program	1.7	10.9	11.7	13.2	15.5	16.8	18.0	17.5	16.5	14.1
Public programs	1.7	26.3	31.2	35.7	19.4	23.7	25.1	21.5	(X)	(X)
Special programs and planning	.9	5.5	5.1	8.6	7.9	12.1	12.5	12.5	(X)	(X)
Challenge ⁴	(X)	(X)	(X)	19.1	39.5	55.6	53.5	24.0	20.7	21.8
General programs	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	16.2	24.9
Planning	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	.9	.7

NA Not available. X Not applicable. ¹ Includes other funds, not shown separately. Excludes administrative funds. Gifts are included through 1980; excluded thereafter. ² Gifts received by the Endowment for the support of a cultural organization, which release a like amount in Federal funds. ³ Represents Federal funds appropriated only upon receipt or certification by Endowment of matching non-Federal gifts. ⁴ Program designed to stimulate new sources and higher levels of giving to institutions for the purpose of guaranteeing long-term stability and financial independence. Program requires a match of 3 private dollars to each Federal dollar. Funds for Challenge grants are not allocated by program area because they are awarded on a grant-by-grant basis. ⁵ Excludes \$5.2 million reappropriated to challenge grants in 1983. ⁶ Includes reappropriated funds from 1982.

Source: U.S. National Endowment for the Arts, *Annual Report*; and U.S. National Endowment for the Humanities, *Annual Report*.

NO. 395. STATE LEGISLATIVE APPROPRIATIONS FOR STATE ARTS AGENCIES: 1975 TO 1984

[For fiscal years ending in year shown. Fiscal years for most States ended June 30]

STATE OR OTHER AREA	1975, total (\$1,000)	1980, total (\$1,000)	1983, total (\$1,000)	1984		STATE OR OTHER AREA	1975, total (\$1,000)	1980, total (\$1,000)	1983, total (\$1,000)	1984	
				Total (\$1,000)	Per capita ¹ (dol.)						
Total	58,152	101,029	123,450	136,635	(X)	NV	15	87	94	116	.13
AL	125	525	570	781	.20	NH	45	153	98	126	.13
AK	216	1,675	4,976	4,490	10.25	NJ	793	3,333	3,590	3,671	.49
AZ	83	233	419	426	.15	NM	65	203	521	511	.38
AR	167	846	743	739	.32	NY	35,653	33,285	35,340	35,298	2.00
CA	1,000	7,891	10,466	8,577	.35	NC	222	1,379	2,114	2,380	.40
CO	1,251	609	844	843	.28	ND	5	101	136	175	.26
CT	394	1,305	882	979	.31	OK	95	552	1,774	1,574	.52
DE	43	123	428	431	.72	OR	53	335	942	441	.17
DC	30	356	882	916	1.45	PA	1,490	2,594	4,758	4,759	.40
FL	399	2,378	3,998	5,264	.51	RI	267	359	395	340	.36
GA	102	1,102	1,642	1,558	.28	SC	596	941	1,338	1,517	.47
HI	598	1,645	1,586	1,424	1.43	SD	85	155	199	213	.31
ID	23	86	103	102	.11	TN	412	517	482	528	.11
IL	925	2,246	2,752	5,492	.48	TX	160	1,215	1,803	3,952	.26
IN	161	1,277	1,403	1,450	.27	UT	268	1,088	1,278	1,233	.79
IA	71	313	373	466	.16	VT	50	108	185	217	.42
KS	79	282	411	423	.18	VA	265	1,230	1,401	1,495	.27
KY	226	857	1,206	1,489	.41	WA	246	579	739	1,454	.34
LA	60	857	1,978	1,613	.37	WV	360	1,563	1,808	1,710	.88
ME	163	180	217	249	.22	WI	60	719	808	808	.17
MD	450	1,345	1,811	1,808	.42	WY	15	63	143	151	.30
MA	1,600	2,300	5,500	8,524	1.47	Am. Samoa	60	43	48	48	1.44
MI	2,109	6,076	5,217	7,126	.78	GU	37	74	115	268	2.44
MN	300	2,845	1,542	2,021	.49	No.					
MS	113	307	435	436	.17	Marianas					
MO	1,249	2,531	2,494	2,401	.49	PR	3,605	4,980	5,186	6,810	2.10
MT	28	93	139	542	.68	VI	160	103	151	157	1.58
NE	129	399	466	492	.31						

- Represents zero. X Not applicable. ¹ Based on enumerated resident population as of July 1, 1982.

Source: National Assembly of State Arts Agencies, Washington, DC, unpublished data.

Parks and Recreation

NO. 396. FINANCIAL SUPPORT OF THE ARTS BY PRIVATE BUSINESS—SUMMARY: 1981 AND 1982

[In millions of dollars. Based on a sample of 978 businesses from the files of Dun & Bradstreet, Inc. which covers all U.S. public companies, and private companies with sales of \$5 million or more]

TYPE OF ART CATEGORY	1981	1982	TYPE OF ART CATEGORY	1981	1982
Total support.....	385.1	506.5	Art exhibition sponsorship.....	9.8	20.0
Museums.....	89.9	97.0	Historic and cultural preservation projects.....	10.1	18.6
Theater.....	34.8	47.3	Libraries.....	10.3	13.2
Cultural centers.....	38.3	45.6	Arts-in-education programs.....	4.9	7.4
Symphony orchestras.....	28.8	39.5	Films (noncommercial).....	2.5	1.9
Public radio and TV, program underwriting.....	28.0	31.8	Purchase of art for corporate collections.....	3.2	1.3
Opera.....	20.2	29.8	Artists-in-residence.....	1.7	.8
Arts funds.....	22.1	28.7	Commercial radio and TV, cultural programming.....	1.5	.6
Public radio and TV, general support.....	17.6	25.2	Video projects (noncommercial).....	.2	.4
Other music.....	16.7	23.3	Crafts.....	.2	.3
Dance.....	18.2	21.6	Folk art.....	.2	.2
			Other.....	25.8	52.0

Source: Business Committee for the Arts, New York, NY, press release.

NO. 397. PASSPORTS, BY SEX AND AGE OF TRAVELER: 1970 TO 1983

[In thousands. Total passports are actual count; all other data based on a sample and prorated to total passports. Data refer to number of passports issued, not travelers. Excludes passport renewals. A single passport may cover more than one trip and more than one person. See also *Historical Statistics, Colonial Times to 1970*, series H 899-920]

SEX AND AGE	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Total passports.....	2,219	2,728	2,729	2,415	2,334	2,817	3,107	3,234	3,170	3,020	3,222	3,764	4,122
Male.....	1,124	1,359	1,321	1,155	1,128	1,354	1,496	1,555	1,543	1,497	1,552	1,849	1,948
Females.....	1,095	1,368	1,408	1,260	1,208	1,463	1,611	1,679	1,627	1,523	1,670	1,915	2,174
Under 20 years.....	362	470	497	448	405	460	511	541	567	516	524	621	666
20-29 years.....	507	585	564	491	458	530	566	580	581	541	587	634	629
30-39 years.....	293	368	376	348	345	432	499	535	547	533	584	665	690
40-49 years.....	356	434	431	371	347	423	452	472	485	437	470	544	604
50-59 years.....	341	437	434	383	384	484	527	545	506	474	493	552	641
60 years and over.....	360	433	427	374	395	488	552	561	504	519	584	748	892

Source: U.S. Dept. of State, Bureau of Consular Affairs, *Summary of Passport Statistics*, annual.

NO. 398. FOREIGN TRAVEL TO THE U.S.—TRAVELERS AND EXPENDITURES: 1970 TO 1983

[Travelers In thousands; expenditures In millions of dollars. Includes travelers for business and pleasure, foreigners in transit through the United States, and students; excludes travel by foreign government personnel and foreign businessmen employed in the United States. Travelers from overseas excludes Canada and Mexico. See also *Historical Statistics, Colonial Times to 1970*, series H 946-951]

AREA OF ORIGIN	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983, prel.
Travelers from overseas.....	2,288	3,674	4,456	4,509	5,764	7,230	8,200	9,069	8,761	7,873
Western Europe.....	984	1,500	1,892	1,885	2,483	3,135	3,700	4,170	3,778	3,020
Caribbean, Central America.....	484	478	573	578	703	855	850	853	907	1,218
South America.....	318	438	510	573	773	995	1,200	1,382	1,278	1,055
Japan.....	207	747	766	750	886	1,095	1,245	2,450	2,664	2,798
Other.....	295	511	715	723	918	1,150				2,580
Total expenditures.....	2,331	4,697	5,742	6,150	7,183	8,441	10,588	12,913	12,393	11,408
Canada.....	859	1,561	1,983	2,150	2,248	2,092	2,501	2,672	2,624	3,168
Mexico.....	583	1,311	1,364	1,316	1,456	1,975	2,522	3,775	3,098	1,951
U.S. border area.....	520	972	1,023	967	951	1,266	1,614	2,547	2,308	1,457
Western Europe.....	318	611	852	1,003	1,323	1,667	2,192	2,549	2,476	2,157
Caribbean, Central America.....	170	206	289	276	322	375	423	469	525	684
South America.....	164	303	360	455	660	793	1,083	1,273	1,269	1,091
Japan.....	101	410	439	450	539	699	824	949	1,084	1,128
Other.....	136	295	455	500	635	840	1,083	1,226	1,317	1,229
Fares to U.S. carriers ¹	377	767	937	1,025	1,238	1,677	2,062	2,575	2,692	2,524

¹ Includes fares paid to and from the United States only.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, May 1984, and earlier issues.

NO. 399. U.S. TRAVEL TO FOREIGN COUNTRIES—TRAVELERS AND EXPENDITURES: 1970 TO 1983

[Travelers in thousands; expenditures in millions of dollars, except as indicated. Covers residents of United States and Puerto Rico. See also *Historical Statistics, Colonial Times to 1970*, series H 921-940.]

ITEM AND AREA	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983, prel.
Total overseas travelers ¹	5,260	6,354	6,897	7,390	7,790	7,635	8,163	8,040	8,510	10,154
Region of destination:										
Europe and Mediterranean.....	2,898	3,185	3,523	3,920	4,105	4,088	3,934	3,831	4,144	5,026
Average length of stay (days).....	27	24	24	19	20	20	21	(NA)	(NA)	(NA)
Caribbean and Central America.....	1,663	2,065	2,201	2,203	2,385	2,533	2,624	2,453	2,637	3,107
South America.....	249	447	436	483	515	494	594	567	529	578
Other.....	450	657	737	784	805	800	1,011	1,088	1,200	1,443
Expenditures abroad	3,980	8,417	8,856	7,451	8,475	9,413	10,397	11,479	12,394	13,977
Canada.....	1,018	1,306	1,371	1,433	1,407	1,599	1,817	2,070	1,936	2,150
Mexico.....	778	1,637	1,723	1,918	2,121	2,460	2,584	2,882	3,324	3,576
Total overseas areas	2,184	3,474	3,762	4,100	4,847	5,354	6,016	6,547	7,134	8,241
Europe and Mediterranean.....	1,425	1,918	2,150	2,398	2,942	3,185	3,412	3,587	3,787	4,412
Average per trip ² (dollars).....	490	602	610	612	717	783	867	912	914	878
Average per day (dollars).....	18.15	25.19	25.42	32.21	35.85	39.15	41.28	(NA)	(NA)	(NA)
Caribbean and Central America.....	390	787	784	790	888	1,019	1,134	1,277	1,349	1,519
South America.....	90	242	232	254	306	288	392	383	380	422
Japan.....	97	131	145	149	155	142	185	214	272	302
Other.....	182	398	451	509	656	720	893	1,086	1,346	1,586
Foreign flag carriers ³	1,215	2,263	2,568	2,748	2,896	3,184	3,807	4,487	4,772	5,532
United States flag carriers ³	985	1,463	1,444	1,725	1,784	1,978	2,504	(NA)	(NA)	(NA)

NA. Not available. ¹ Excludes the following: Travel to Canada and Mexico; travel between conterminous United States and Alaska, Hawaii, Puerto Rico, and Virgin Islands; cruise travelers; military personnel and other Government employees and their dependents stationed abroad, and U.S. citizens residing abroad. ² Excludes transatlantic passenger fares. ³ Excludes passenger fares of emigrant aliens.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, May 1984, and earlier issues.

NO. 400. AIR TRAVEL BETWEEN THE UNITED STATES AND FOREIGN COUNTRIES: 1975 TO 1983

[In thousands. Covers passengers on international commercial flights arriving at and departing from U.S. airports. Excludes traffic between U.S. and Canada, border crossers, crewmen, and military personnel. Travelers between U.S. ports in the 50 States, Puerto Rico, Guam, or the Virgin Islands; and any other outlying area are included. Data compiled from flight reports of U.S. Immigration and Naturalization Service. Selection of countries based on minimum of 150,000 arrivals in 1983. For related data, see also *Historical Statistics, Colonial Times to 1970*, series C 296-331.]

FLAG OF CARRIER AND COUNTRY	ARRIVALS					DEPARTURES				
	1975	1980	1981	1982	1983	1975	1980	1981	1982	1983
Total passengers.....	12,646	20,262	20,881	20,216	20,840	12,053	19,258	19,911	19,322	19,724
Flag of carrier:										
United States.....	6,503	10,031	10,265	10,163	10,698	5,913	9,369	9,581	9,485	9,888
Foreign.....	6,143	10,231	10,615	10,054	10,142	6,141	9,888	10,330	9,837	9,837
Country of embarkation or debarcation: ¹										
Australia.....	106	227	229	254	242	103	245	258	252	201
Bahamas.....	758	1,123	1,053	1,153	1,344	704	1,006	927	1,009	1,075
Barbados.....	76	135	123	115	167	74	126	116	113	168
Belgium.....	144	242	249	299	250	134	231	238	283	226
Bermuda.....	398	497	451	441	439	372	467	417	413	394
Brazil.....	212	300	311	308	308	206	291	301	303	303
China: Taiwan.....	50	113	138	148	154	41	90	105	123	128
Colombia.....	173	315	334	314	309	171	299	315	300	302
Denmark.....	222	267	251	243	230	188	254	243	225	218
Dominican Republic.....	336	468	495	501	532	322	443	466	464	490
France.....	512	689	686	695	705	470	635	646	647	656
Germany, Fed. Rep. of.....	622	1,175	1,182	1,174	1,223	649	1,178	1,149	1,164	1,220
Greece.....	121	208	206	198	234	123	190	189	197	222
Haiti.....	91	133	148	146	159	81	124	126	131	144
Hong Kong.....	98	228	230	197	217	59	152	166	144	184
Ireland.....	220	220	229	250	222	163	212	219	234	196
Israel.....	84	189	190	188	233	105	166	194	211	228
Italy.....	431	537	493	529	572	409	495	460	500	561
Jamaica.....	457	429	479	587	682	416	382	435	526	601
Japan.....	1,095	1,624	1,705	1,819	1,896	1,183	1,602	1,697	1,779	1,854
Korea, Rep. of.....	105	234	228	245	249	60	186	187	212	212
Mexico.....	1,826	2,896	3,091	2,456	2,891	1,524	2,886	3,157	2,516	2,870
Netherlands.....	312	427	450	482	467	304	409	443	477	458
Netherlands Antilles.....	213	327	359	392	370	184	282	322	297	321
Philippines.....	108	194	244	212	158	81	160	178	175	133
Spain.....	306	312	310	337	376	260	273	288	321	350
Switzerland.....	236	312	321	332	314	224	306	315	330	327
United Kingdom.....	1,549	2,973	3,092	2,694	2,812	1,446	2,840	2,989	2,607	2,687
Venezuela.....	205	593	577	581	312	198	518	571	571	321
Other.....	1,780	2,945	3,027	2,985	2,973	1,799	2,788	2,794	2,788	2,873

¹ Country where passenger boarded/deboarded a direct flight to/from the U.S.

Source: U.S. Transportation Systems Center, Cambridge, MA, *U.S. International Air Travel Statistics*, annual.